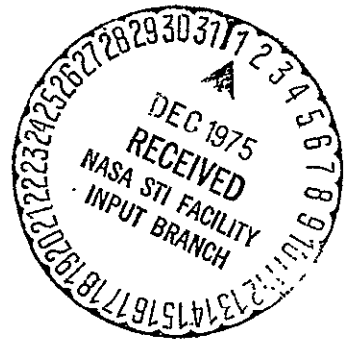


CORRELATION STUDY OF
FINITE ELEMENT ANALYSIS

Grant NGL 26-006-021
National Aeronautics and Space
Administration
Langley Research Center

Charles A. Long, Assistant Professor
Engineering Mechanics
James L. Rhodes, Associate Professor
Aerospace Engineering
Parks College of Saint Louis University
Cahokia, Illinois



SUMMARY

This study was undertaken to investigate and prove the correlation between the NASTRAN predicted stresses and those measured on an actual structure. NASTRAN is a general purpose digital computer program for the analysis of large complex structures.

For many years the art of structural analysis remained stagnant, not because of any lack of knowledge on the part of the analyst but because of a lack of capability for performing the required numerical computations. In 1941 Hrennikoff introduced a theory idealizing a flat plate as a grid work of beams. This has lead to modeling complex structures by an assemblage of a finite number of elastic components. Matrix formulations were developed as a means of organizing the bookkeeping. Numerical solution was still laborious as the analyst was still limited by the desk calculator and the inversion of a matrix of any size was a formidable exercise. Fortunately the digital computer arrived on the scene at about this time.

N76-12397

(NASA-CR-145709) CORRELATION STUDY OF
FINITE ELEMENT ANALYSIS (Saint Louis Univ.,
Cahokia, Ill.) 215 p HC \$7.75 CSCI 20K

Unclas

63/39 01950

The matrix methods of structural analysis developed for use on modern digital computers provide a means for rapid and accurate analysis of complex structures under both static and dynamic loading conditions. Two complementary matrix methods of formulation of any structural problems are possible: (1) the displacement method (stiffness method), where displacement is chosen as unknowns and (2) the force method (flexibility method) where forces are unknowns. The NASTRAN program uses the first of the two methods, i.e., the displacement method.

The structural analyst wishes to know or to be able to determine the stress or load distribution in a structure. In modeling a structure as an aggregate of elastic elements the analyst should decide on the locations where the magnitude of the stress must be known. The model would then be designed to produce results at those points. In order to use the NASTRAN program the continuous structure must be modeled as a finite number of degrees of freedom, a particular selection of topological objects (grid points and elements) and a limited range of structural behavior. This procedure, referred to as "structural modeling" is the most important step in the problem formulation phase, since the results of an analysis can be no better than the initial assumptions. The model used in this study contains grid points, bar elements, rod elements, triangular plate elements, and quadrilateral plate elements.

REPORT

The purpose of this study is to investigate and prove the correlation between computed stresses and those measured on an

actual structure. The general purpose digital computer program for the analysis of large complex structure known as NASTRAN is used to obtain the computed stresses. A real airframe, which had logged several thousand hours flying time, was obtained instrumented and loaded to obtain the measured strains.

The structural analyst wishes to know or to be able to determine the stress or load distribution in a structure. In modeling a structure as an aggregate of elastic elements, the analyst should decide on the locations where the magnitude of the stress must be known. The model would then be designed to produce results at these points. In order to use the NASTRAN program, the continuous structure must be modeled as an assemblage of a finite number of elastic components. This assemblage must be a particular selection of topological objects (grid points and elements) and have a limited range of structural behavior. The selection of the assemblage, referred to as "structural modeling", is the most important step in the problem formulation phase as the results of an analysis can be no better than the initial assumptions.

The NASTRAN Program has been well developed and proven; however, each new problem requires a new structural model for use in the NASTRAN program. Many rules have been developed and presented to take some of the guess work out of preparing the structural model. This model determines the accuracy and value of the analyst's use of NASTRAN or any other similar program. The development of this structural model is then the major thrust of this study. Every effort is being made to construct a model

compatible with the real structure and to record any new findings, particularly, concerning the modeling around cutouts.

Finite Element Model

The model used in this study contains approximately 1720 nodal points, each of which may have six degrees of freedom, however, not all do. Some nodes have three degrees of freedom, i.e., three translations. Some also have three rotations for a total of 8200 degrees in the entire model. The elastic elements making up this model are bars, rods and panels. The bars have cross sectional area and moment of inertia about both the X and Y axes. The rods have only cross sectional area. The reason: some nodes only have three degrees of freedom, i.e., translation is that these nodes are only connected by rods which have no bending stiffness; therefore, no rotations. The panels or plate elements are triangular and quadrilateral. These plates only transfer shear forces. The model as presently constructed contains approximately 2200 rods, 1020 bars and 1445 plates for a total of 4665 elastic elements. Pages 7 through 98 show samples of this grid work making up the structural model. Pages 99 through 171 show the model as it has been checked by the computer.

As stated previously, a real airframe which had logged several thousand hours flying time was obtained and instrumented. The fuselage of a twin engine aircraft capable of carrying seven people was used. The fuselage is unsymmetrical in that the cutouts (windows and door) were not symmetrically placed. This airframe was instrumented with 283 linear and 88 Rosette strain

gages. These gages are located on stringers, bulkheads and skin, both at symmetrical and unsymmetrical sections. Pages 172 through 184 indicate the location of these gages.

The structure was loaded in two different manners. The first being a series of vertical loads located at the bulkheads causing bending along the longitudinal axis. This was achieved by means of a pulley, cable, whiffle-tree arrangement. Load cells are placed in the cables at bulkhead to monitor the applied loads. See pages 185 through 186 for details of this loading system. The second loading system is a combined bending twisting condition caused by applying an eccentric load in the place originally occupied by the horizontal stabilizer. See pages 187 through 188 for details of this system.

The strain gages are connected to a BLH 1200 digital strain indicator through a bank of low resistance switches. The BLH 1200 unit was in turn connected to an Anadex DP-650A printer which provides a permanent record of the strains. The BLH 1200 digital strain indicator is sensitive to ± 5 micro inches per inch of strain. As the material at each strain gage location is aluminum ($E = 10^7$ psi), the stress sensitivity is ± 50 psi.

CONCLUSION

As stated earlier the purpose of this study was to compare the real measured strains or stresses to those predicted by use of the NASTRAN Program. This has not been completed.

There have been several reasons for this delay. During the early months of this program, a lot of difficulty was experienced in obtaining data from Beech Aircraft for the airframe we were to

use for our test. The data we needed was finally obtained after nine or ten months work. The airframe was then instrument loaded and the strains recorded. This was of course all the physical work we could do here at Parks College. The remainder of the work consists of developing the mathematical model for use in the NASTRAN Program and obtaining the computed results. This has not been finished.

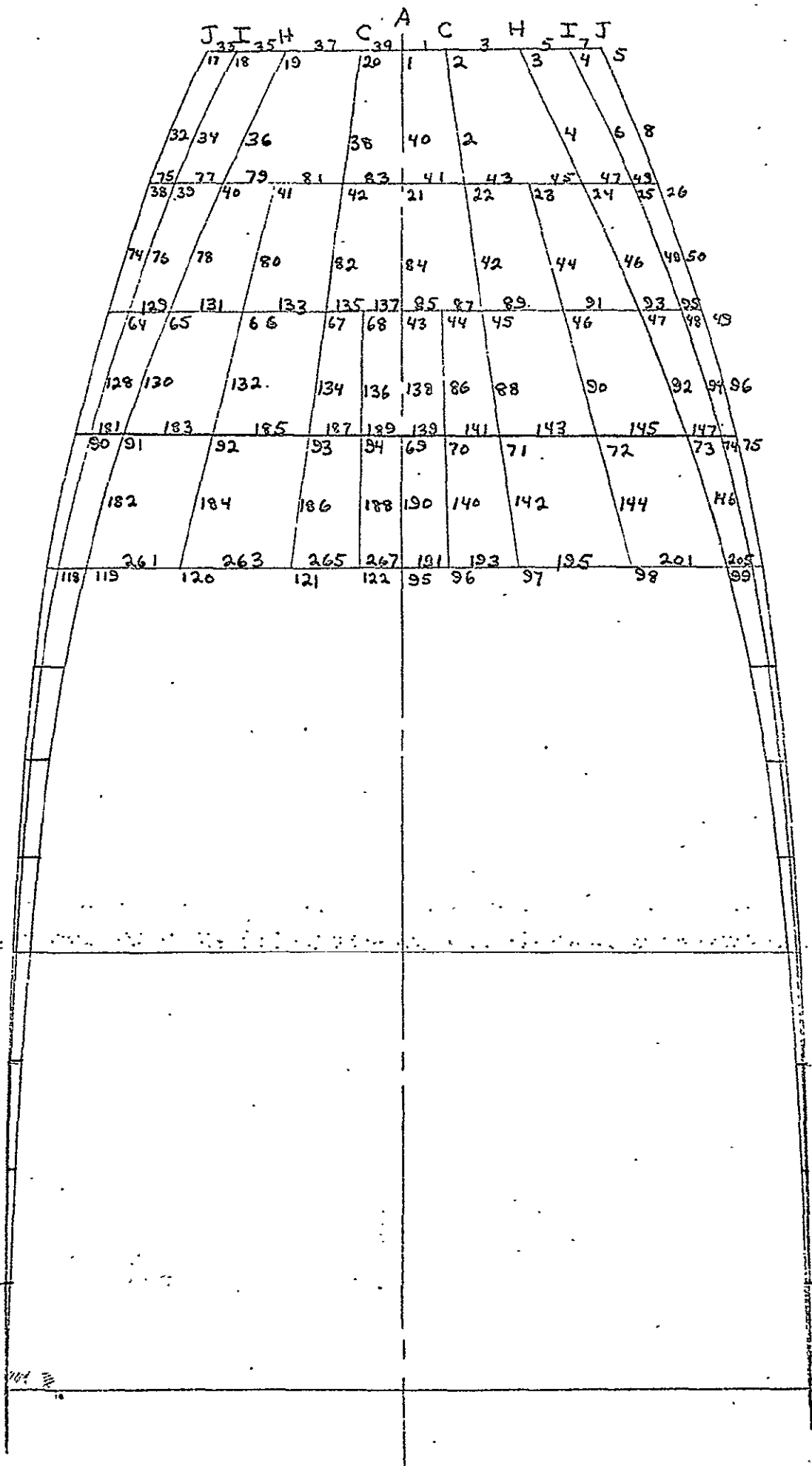
It might be well to point out here that Professors Rhodes and Long are teachers at Parks College and must meet with their students. Dr. Sobieszczanski is a research engineer at NASA-Langley Research Center, Hampton, Virginia. These other duties have prevented any of these people from devoting full time to this project.

The original proposal stated that the computer work would be done at Langley Field. This has required correspondence between Parks College and Langley Field which has caused additional delay.

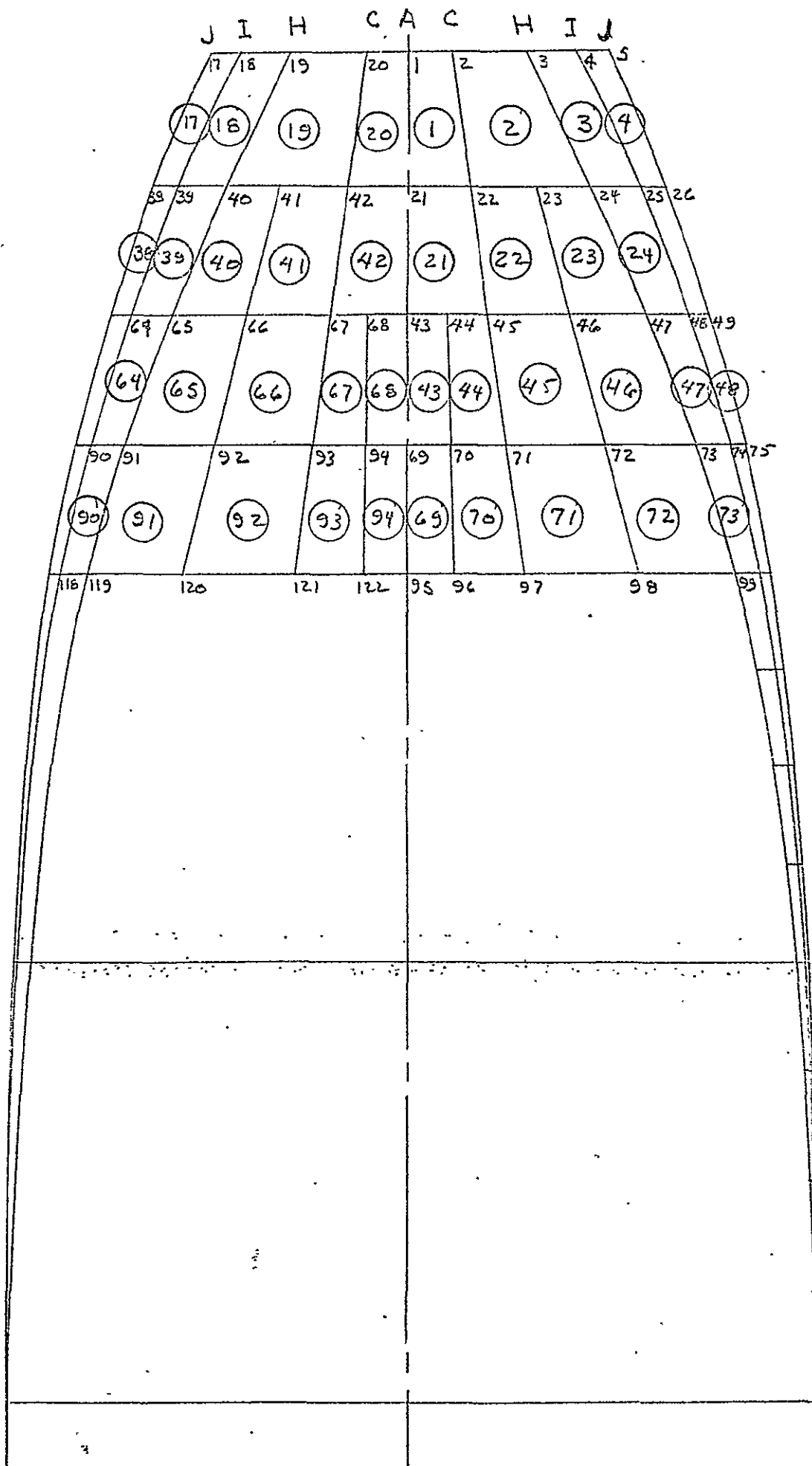
Copies of all work done here at Parks College are included with this report but as the computed results from the NASTRAN Program are not available, comparisons cannot be made and final results derived. This work will be done and forwarded to NASA as soon as it is available as an addendum to this report.

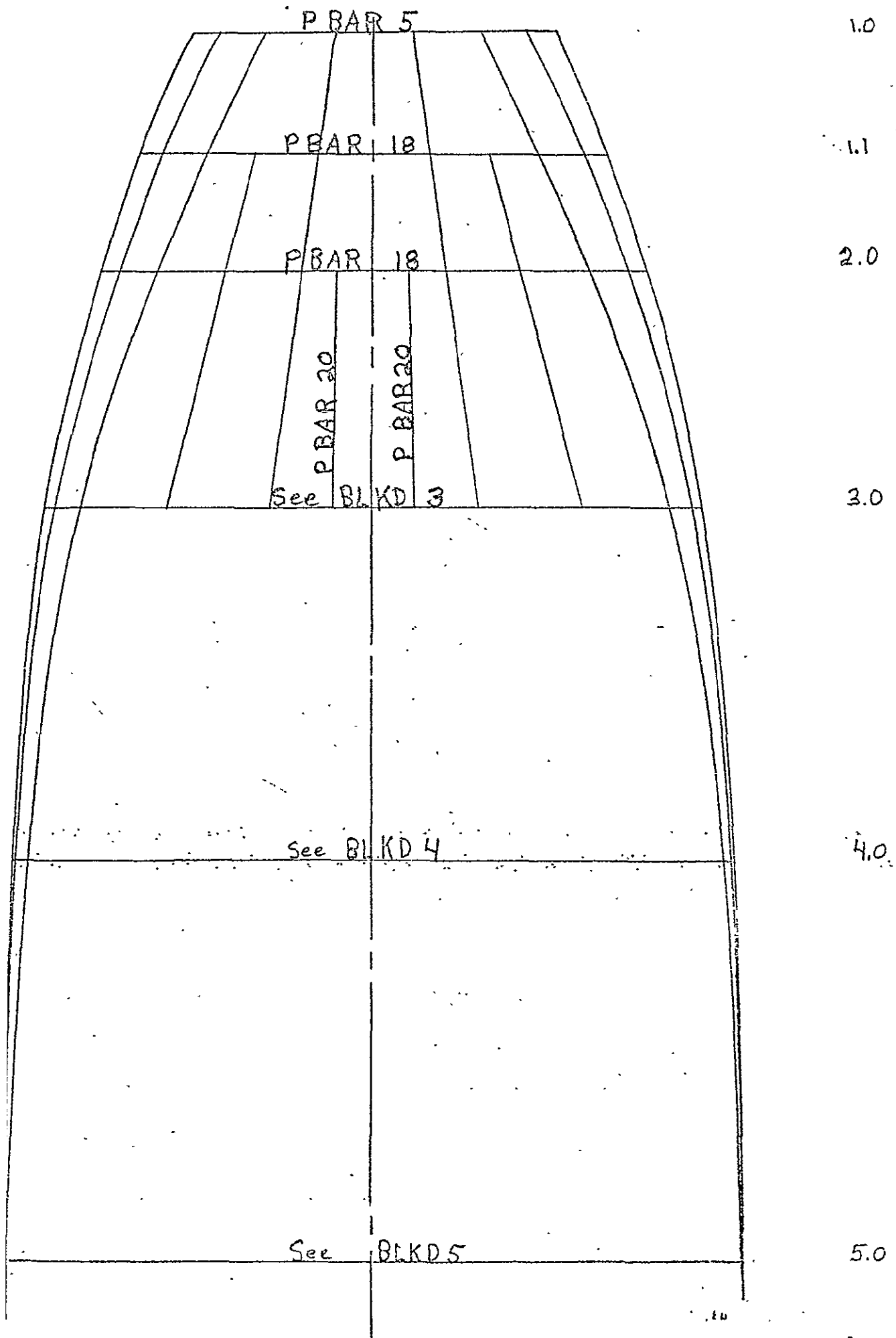
STRUCTURAL MODEL

PRECEDING PAGE BLANK NOT FILMED



1.0
1.1
2.0
2.1
3.0
3.1
3.2
3.3
3.4
4.0
4.1
4.2
4.3
5.0





AC		H		I		J		K		L		P		OR	
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
45	47	49	51	53	55	57	59	61	63	65	67	69	71	73	75
23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74
91	93	95	97	99	101	103	105	107	109	111	113	115	117	119	121
46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
90	92	94	96	98	100	102	104	106	108	110	112	114	116	118	120
145	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175
72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87
146	148	150	152	154	156	158	160	162	164	166	168	170	172	174	176
201	205	207	211	215	217	219	221	223	225	227	229	231	233	235	237
98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113
272	274	276	278	280	282	284	286	288	290	292	294	296	298	300	302
271	273	275	277	279	281	283	285	287	289	291	293	295	297	299	301
147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162
312	314	316	318	320	322	324	326	328	330	332	334	336	338	340	342
313	315	317	319	321	323	325	327	329	331	333	335	337	339	341	343
168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183
354	356	358	360	362	364	366	368	370	372	374	376	378	380	382	384
353	355	357	359	361	363	365	367	369	371	373	375	377	379	381	383
185	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204
388	390	392	394	396	398	400	402	404	406	408	410	412	414	416	418
387	389	391	393	395	397	399	401	403	405	407	409	411	413	415	417
207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222
420	422	424	426	428	430	432	434	436	438	440	442	444	446	448	450
421	423	425	427	429	431	433	435	437	439	441	443	445	447	449	451
225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240
454	456	458	460	462	464	466	468	470	472	474	476	478	480	482	484
455	457	459	461	463	465	467	469	471	473	475	477	479	481	483	485
243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258
490	492	494	496	498	500	502	504	506	508	510	512	514	516	518	520
491	493	495	497	499	501	503	505	507	509	511	513	515	517	519	521
261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276
524	526	528	530	532	534	536	538	540	542	544	546	548	550	552	554
525	527	529	531	533	535	537	539	541	543	545	547	549	551	553	555
279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294

1.0

1.1

2.0

2.1

3.0

3.1

3.2

3.3

4.0

4.1

4.2

4.3

5.0

	H	I	J	K	L	P	Q	
	2	3	4	5	6	7	8	9
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	23	24	25	26	27	28	29	30
	(23)	(24)	(25)	(26)	(27)	(28)	(29)	
	46	47	48	49	50	51	52	53
	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)
	72	73	74	75	76	77	78	79
	(72)	(73)	(74)	(75)	(76)	(77)	(78)	(79)
98	99	100	101	102	103	104	105	106
	(123)	(124)	(125)	(126)	(127)	(128)	(129)	
	147	148	149	150	151	152	153	
	(143)	(144)	(145)	(146)	(147)	(148)	(149)	
	168	169	170	171	172	173	174	
	(169)	(165)	(166)	(167)	(168)	(169)	(175)	
	189	190	191	192	193	194	195	
	(179)	(180)	(181)	(182)	(183)	(184)	(185)	
	207	208	209	210	211	212	213	
	(194)	(195)	(196)	(197)	(198)	(199)	(200)	
	225	226	227	228	229	230	231	
	(210)	(211)	(212)	(213)	(214)	(215)	(216)	
	243	244	245	246	247	248	249	
	(226)	(227)	(228)	(229)	(230)	(231)		
	261	262	263	264	265	266	267	
	(242)	(243)	(244)	(245)	(246)	(247)		
279	280	281	282	283	300	284	301	285

1.0

1.1

2.0

2.1

3.0

3.1

3.2

3.3

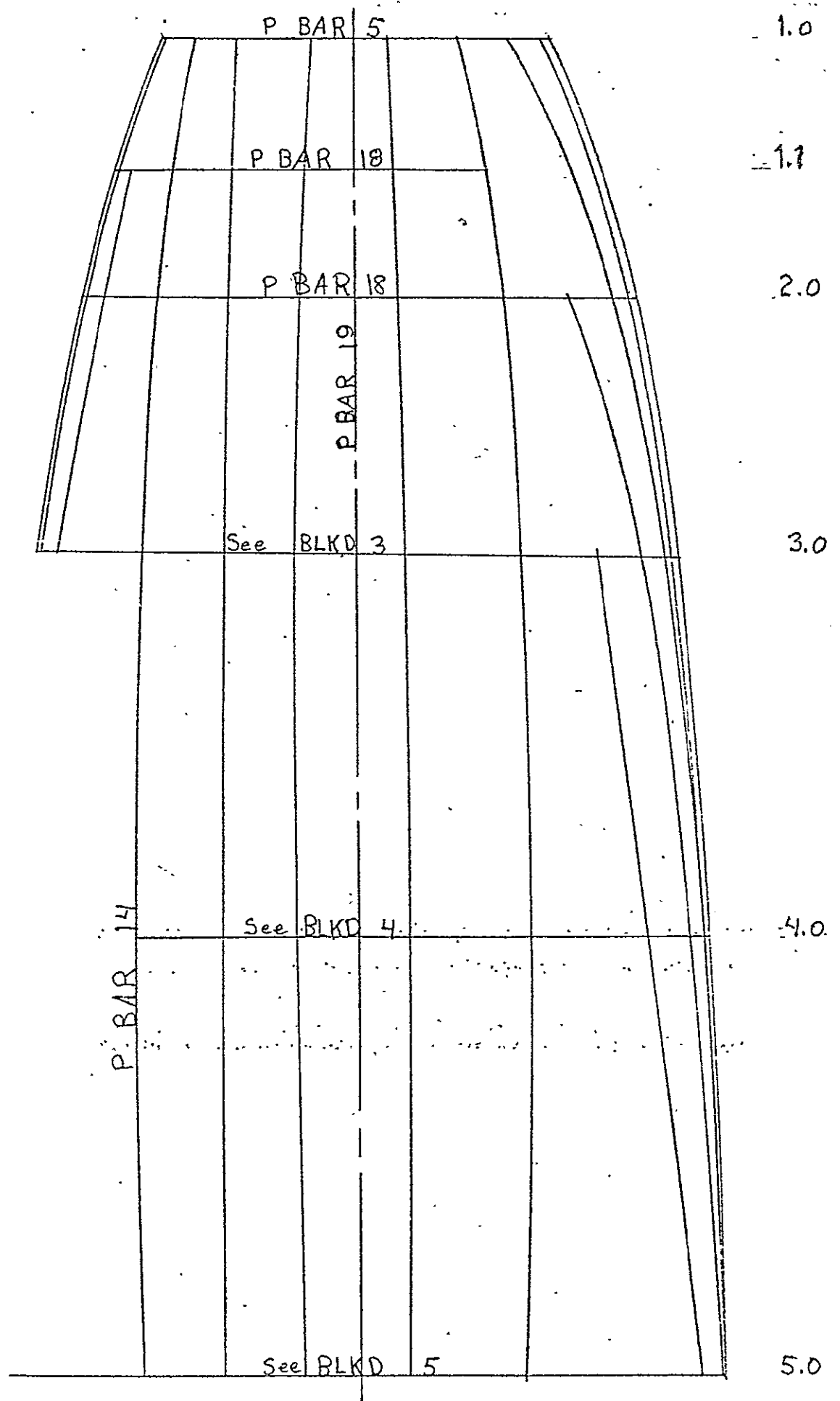
4.0

4.1

4.2

4.3

5.0



K L P Q R Q P L K														
7	8	9	10	11	12	13	14	15						
	14	16	18	20	22	24	26							
55	57	59	61	63	65	67	69							
28	29	30	31	32	33	34	35	36						
	56	58	60	62	64	66	68							
101	103	105	107	109	111	113	115	117	119					
51	52	53	54	55	56	57	58	59	60	61				
	102	104	106	108	110	112	114	116	118	120	122			
157	159	161	163	165	167	169	171							
77	78	79	80	81	82	83	84	85	86	87				
	156	158	160	162	164	166	168	170						
221	223	225	227	229	231	233	235	237	239	241	243			
104	105	106	107	108	109	110	111	112	113					
282	284	286	288	290	292	294	296	298	300					
283	285	287	289	291	293	295	297	299						
153	154	155	156	157	158	159	160	161						
324	326	328	330	332	334	336	338	340						
325	327	329	331	333	335	337	339	341						
174	175	176	177	178	179	180	181	182						
366	368	369				370	372	374						
365	367					371	373	375						
195	196	197				198	199	200						
400	402	404				405	406	408						
399	401					403	405	407						
213	214	215				216	217	218						
432	434	436				438	440	442						
433	435					437	439	441						
231	232	233				234	235	236						
466	468	470				472	474	476						
467	469					471	473							
249	250	251				252	253	254						
502	504	506				508	510							
503	505					507	509							
267	268	269				270	271	272						
536	538	540				542	544							
537	539	541	543											
285	286	287	288	289	290	291	292	293						

1.0

1.1

2.0

2.1

3.0

3.1

3.2

3.3

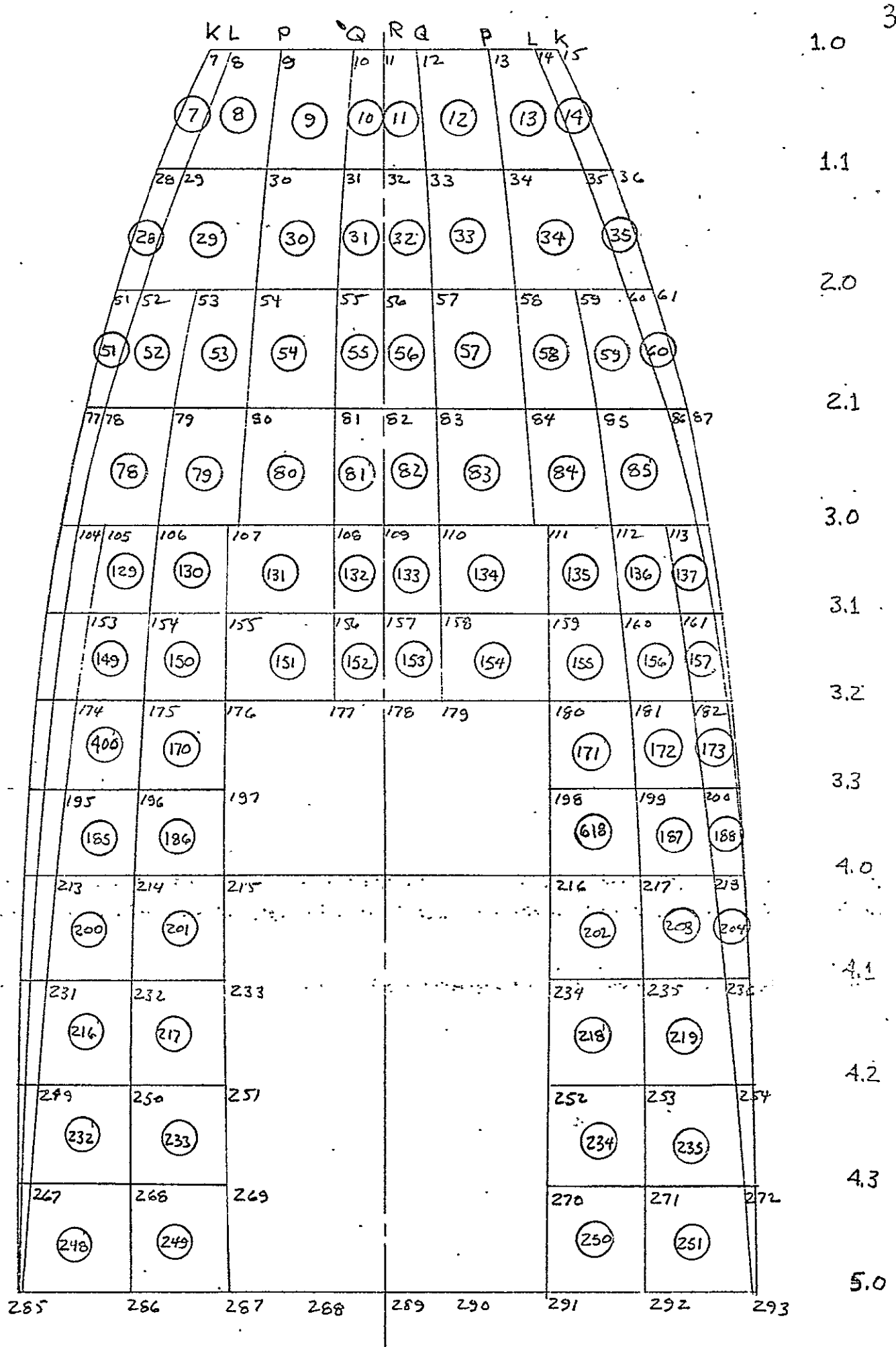
4.0

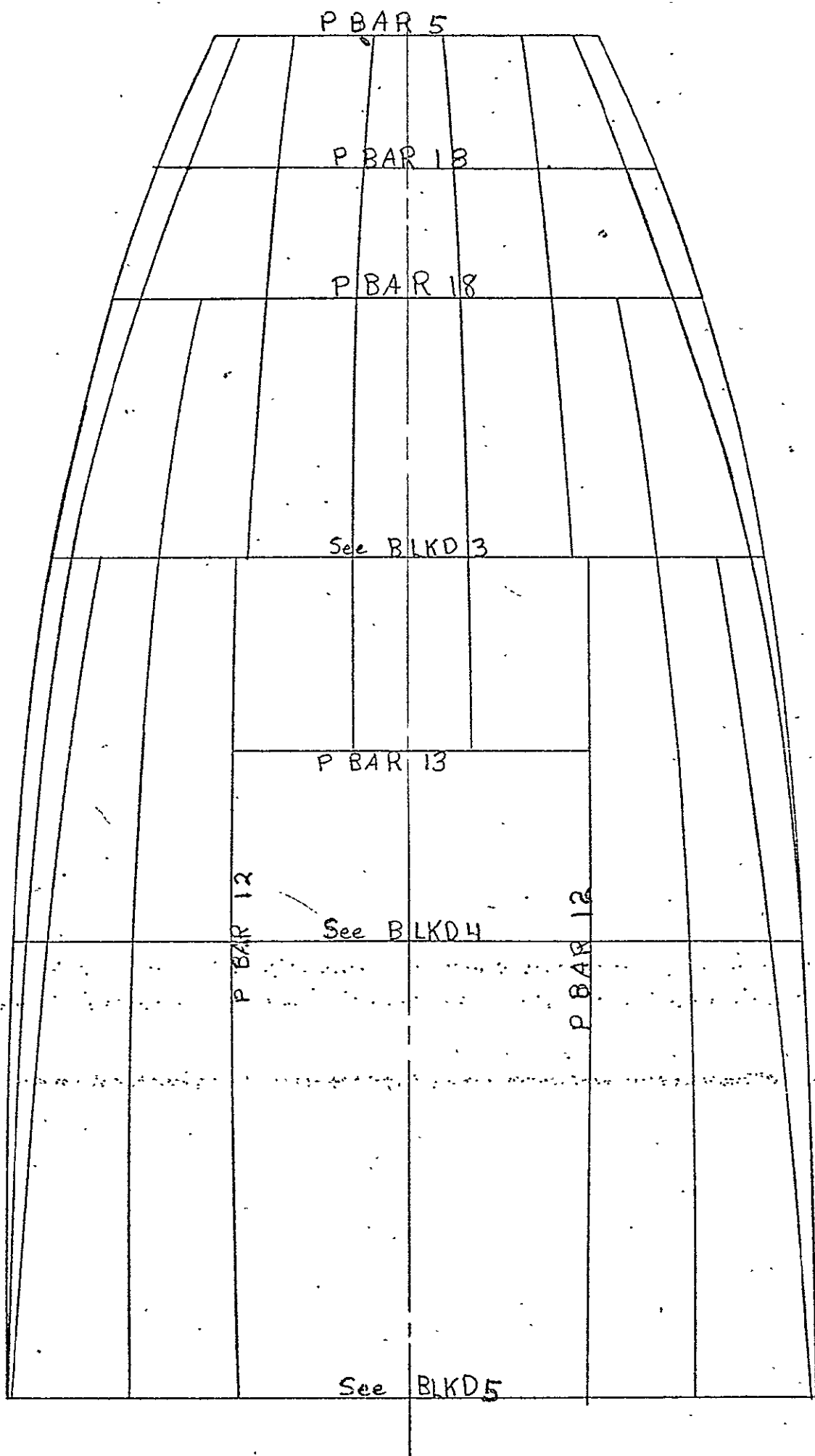
4.1

4.2

4.3

5.0





1.0
1.1
2.0
3.0
3.2
4.0
5.0

R Q P L K J I H CA									
12	13	14	15	16	17	18	19		
22	24	26	28	30	32	34	36		
65	67	69	71	73	75	77	79		
33	34	35	36	37	38	39	40	41	
54	66	68	70	72	74	76	78	80	
115	117	121	123	125	127	129	131		
58	59	60	61	62	63	64	65		
114	116	120	122	124	126	128	130	132	
171	173	175	177	179	181	183			
84	85	86	87	88	89	90	91		
170	172	174	176	178	180	182			
241	243	245	247	249	253	255	261		
112	113	114	115	116	117	118	119	120	
298	300	302	304	306	308	310	311		
297	299	301	303	305	307	309			
160	161	162	163	164	165	166	167		
338	340	342	344	346	348	350	352		
339	341	343	345	347	349	351			
181	182	183	184	185	186	187	188		
372	374	376	378	380	382	384	386		
373	375	377	379	381	383	385			
199	200	201	202	203	204	205	206		
406	408	410	412	414	416	418	419		
405	407	409	411	413	415	417			
217	218	219	220	221	222	223	224		
440	442	444	446	448	450	452	453		
439	441	443	445	447	449	451			
235	236	237	238	239	240	241	242		
474	478	480	482	484	486	488	489		
473	477	479	481	483	485	487			
253	254	255	256	257	258	259	260		
512	514	516	518	520	522	523			
509	511	513	515	517	519	521			
272	273	274	275	276	277	278			
546	548	550	552	554	556	557			
545	547	549	551	553	555				
293	294	295	296	297	298	299			

1.0

1.1

2.0

2.1

3.0

3.1

3.2

3.3

4.0

4.1

4.2

4.3

5.0

ORIGINAL PAGE IS
OF POOR QUALITY

		Q	P	L	K	J	I	H	C		
		12	13	14	15	16	17	18	19		
		(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)		
		33/34		35	36	37	38	39	40		
		(34)		(35)	(36)	(37)	(38)	(39)	(40)		
		58	59	60	61	62	63	64	65		
		(58)	(59)	(60)	(61)	(62)	(63)	(64)	(65)		
		84	85	86	87	88	89	90	91		
		(84)	(85)	(86)	(87)	(88)	(89)	(90)	(91)		
		112	113	114	115	116	117	118	119	120	
		(136)	(137)	(138)	(139)	(140)	(141)	(142)			
		160	161	162	163	164	165	166	167		
		(156)	(157)	(158)	(159)	(160)	(161)	(162)			
		181	182	183	184	185	186	187	188		
		(172)	(173)	(174)	(175)	(176)	(177)	(178)			
		199	200	201	202	203	204	205	206		
		(187)	(188)	(189)	(190)	(191)	(192)	(193)			
		217	218	219	220	221	222	223	224		
		(203)	(204)	(205)	(206)	(207)	(208)	(209)			
		235	236	237	238	239	240	241	242		
		(219)	(220)	(221)	(222)	(223)	(224)	(225)			
		253	254	255	256	257	258	259	260		
		(235)	(236)	(237)	(238)	(239)	(240)	(241)			
		272		273	274	275	276	277	278		
		(252)		(253)	(254)	(255)	(256)	(257)			
		293	302	294	303	295	296	297	298	299	

1.0

1.1

2.0

2.1

3.0

3.1

3.2

3.3

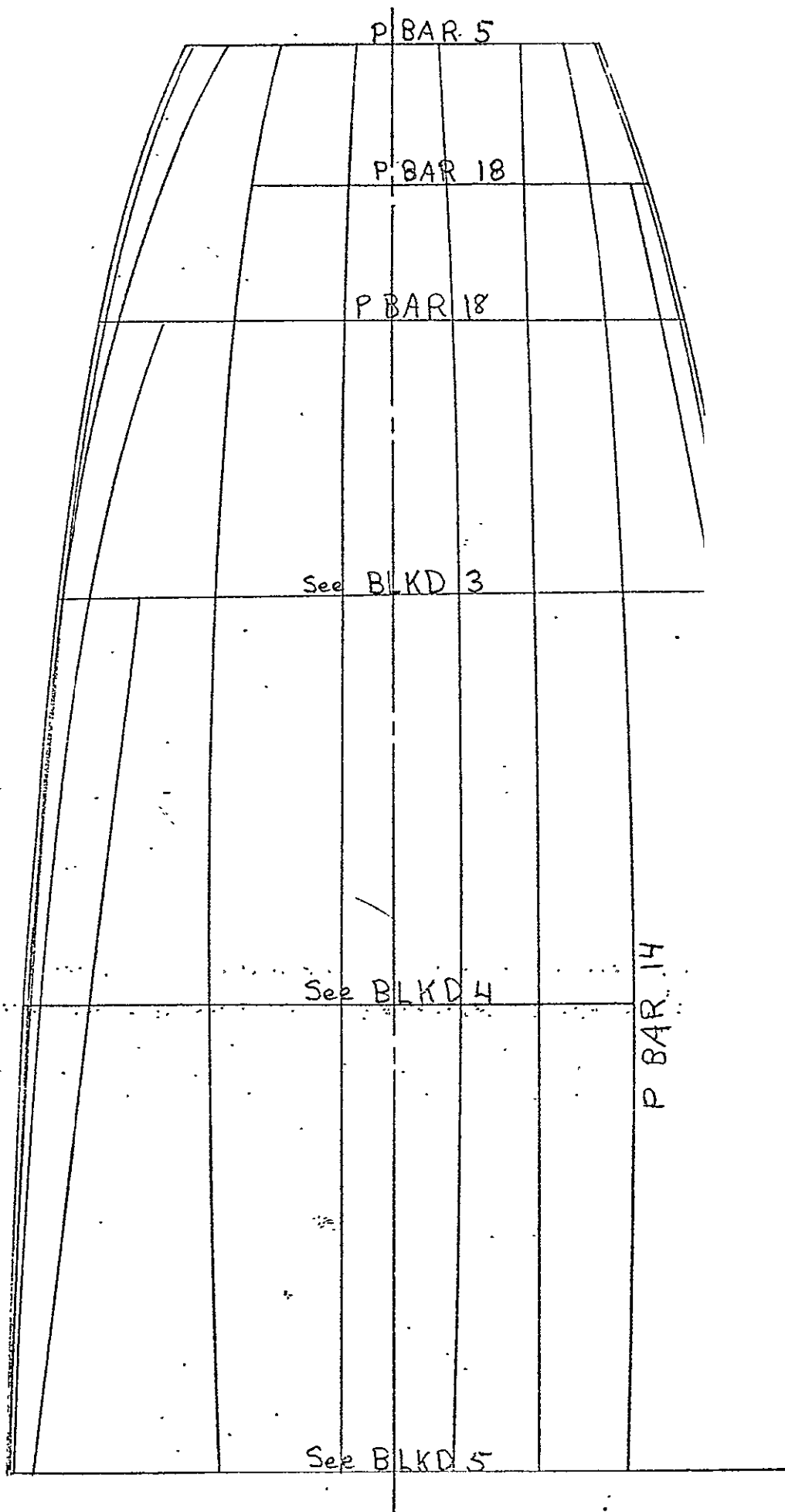
4.0

4.1

4.2

4.3

5.0



1.0

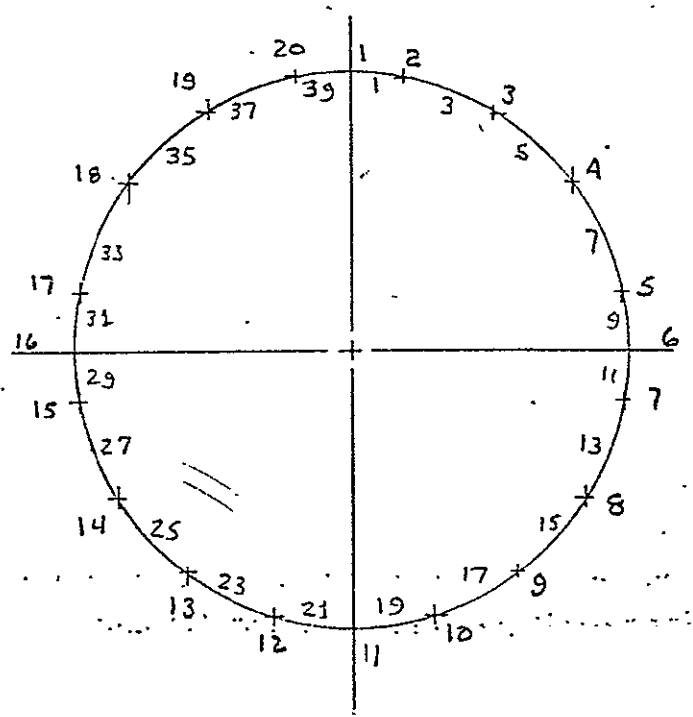
1.1

2.0

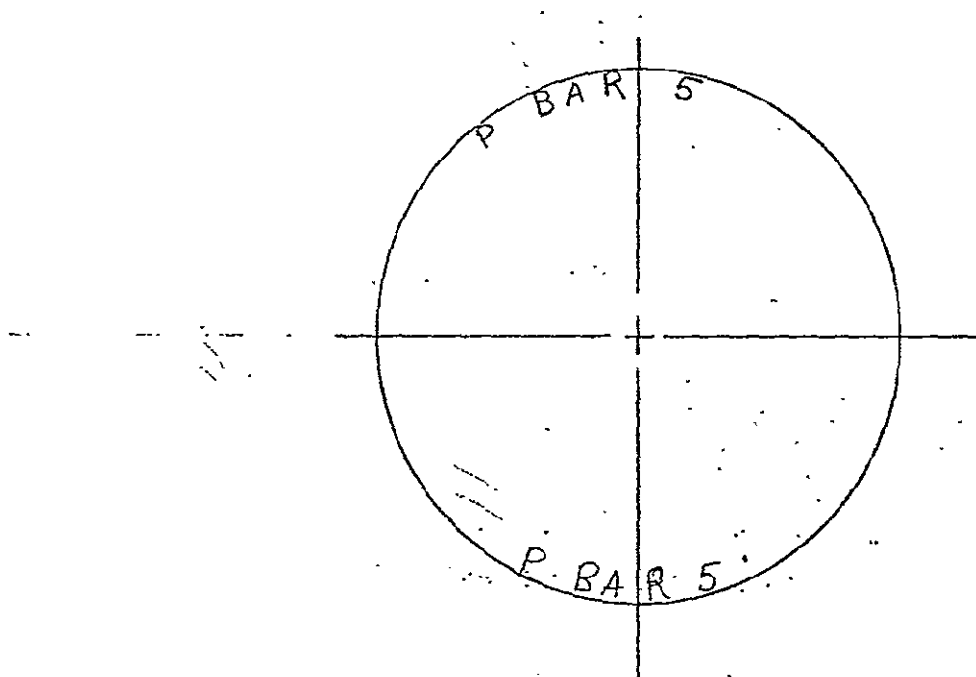
3.0

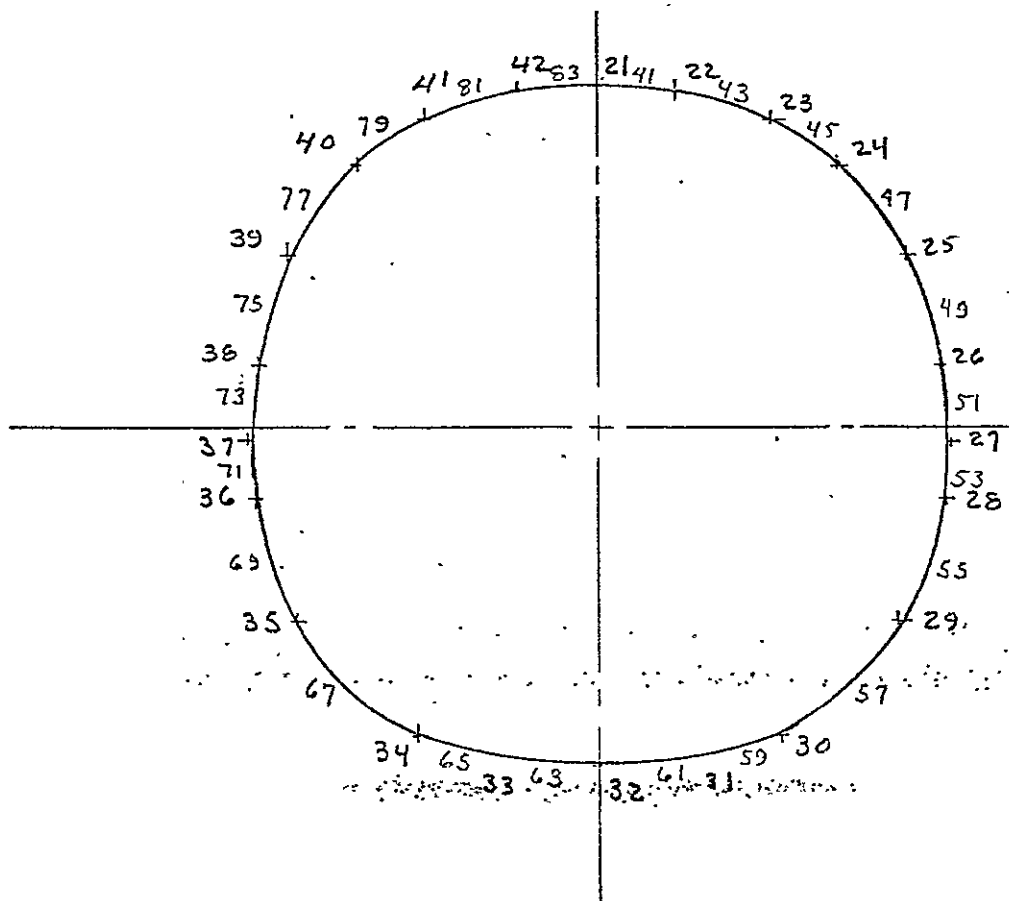
4.0

5.0



... BKLD ... 12

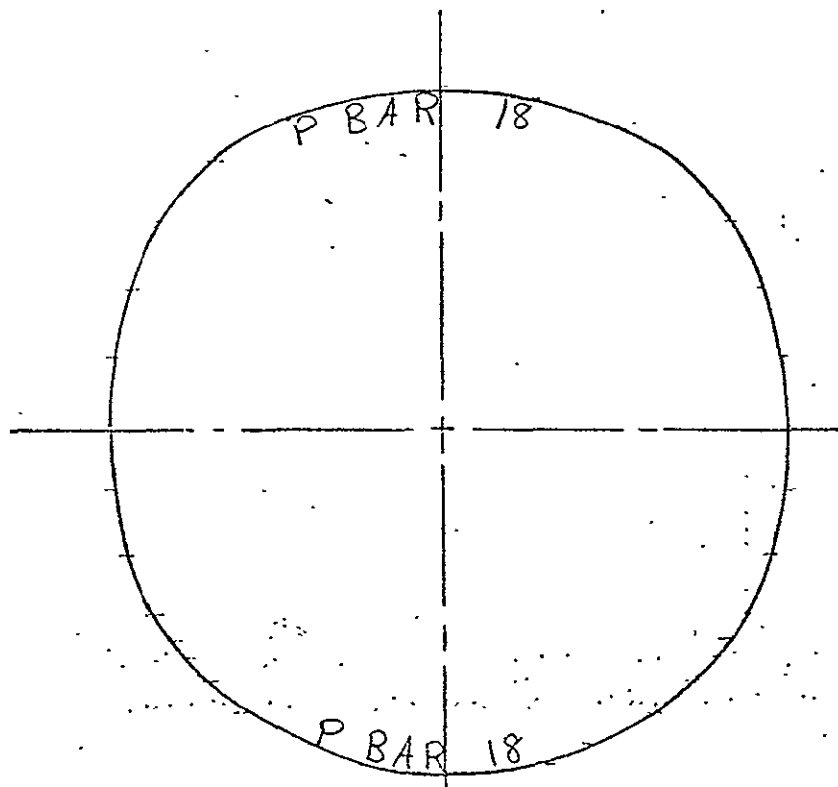




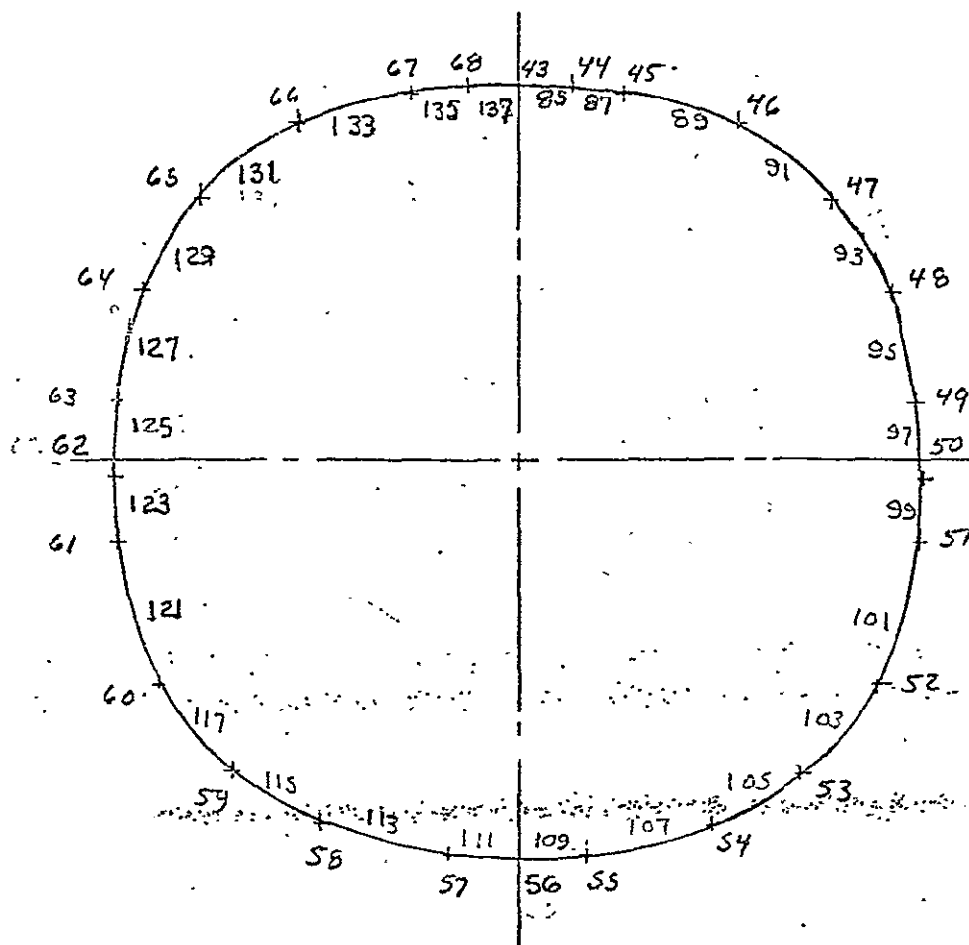
BLKH 1.5

D

C

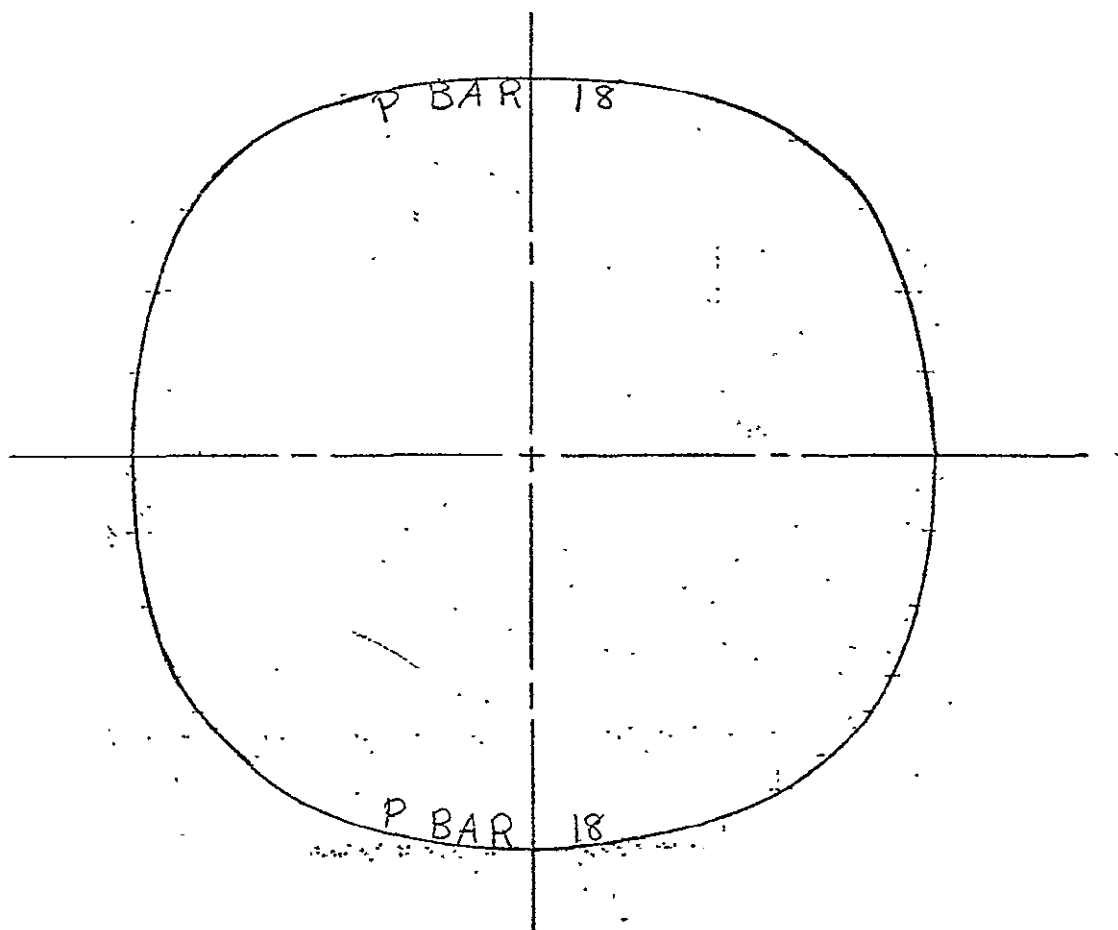


ORIGINAL PAGE IS
OF POOR QUALITY

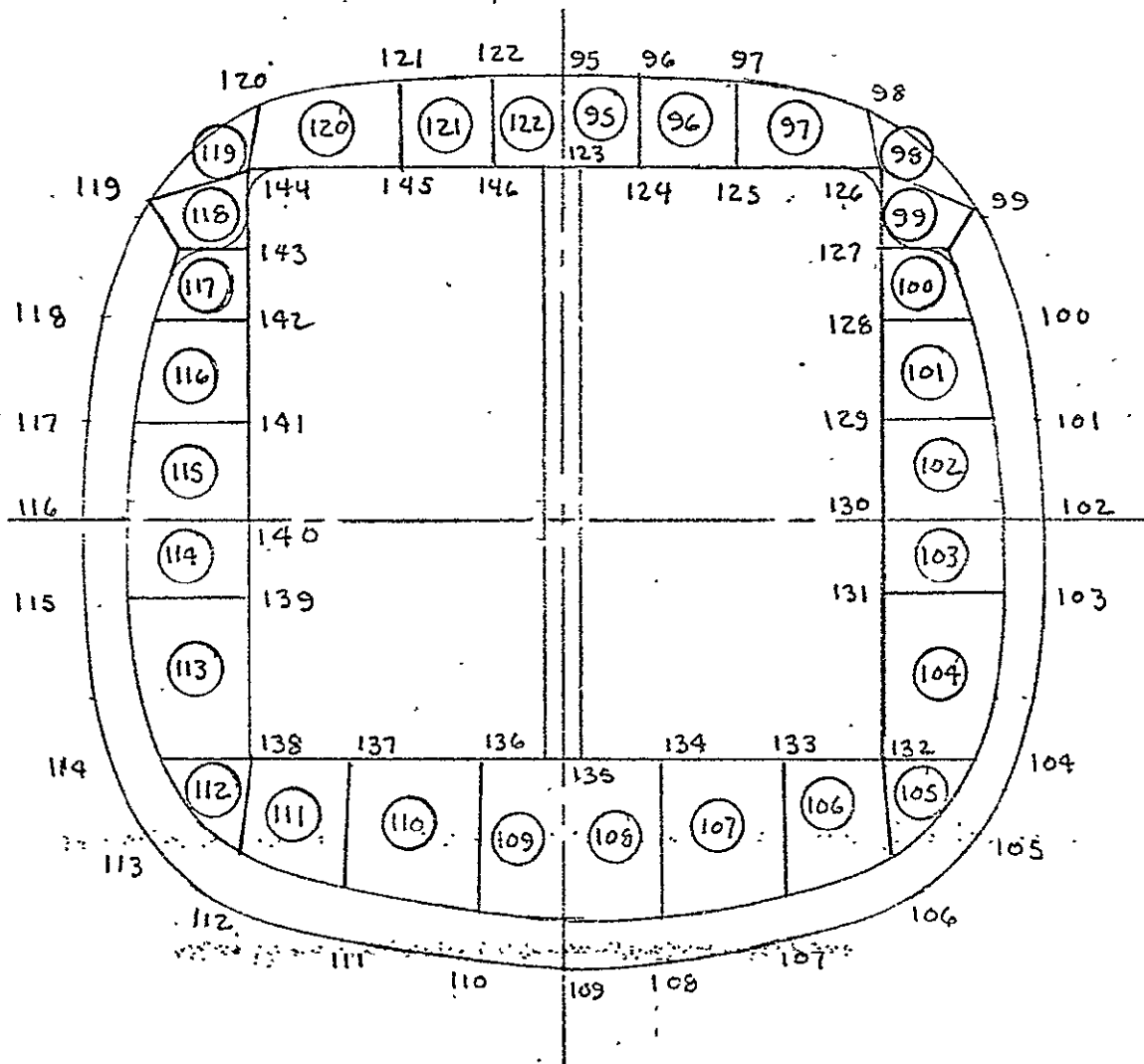


BLKD 2

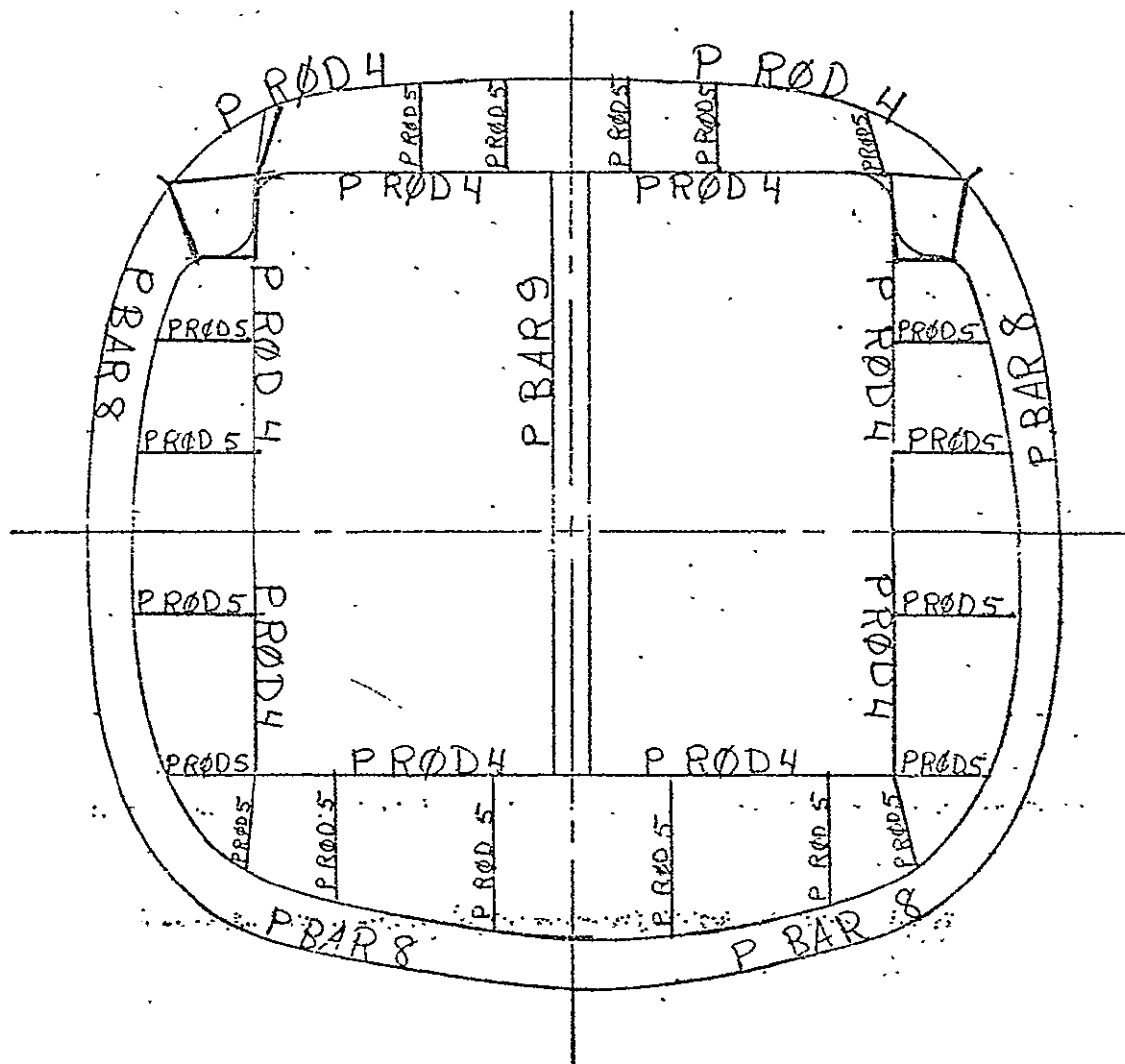
3



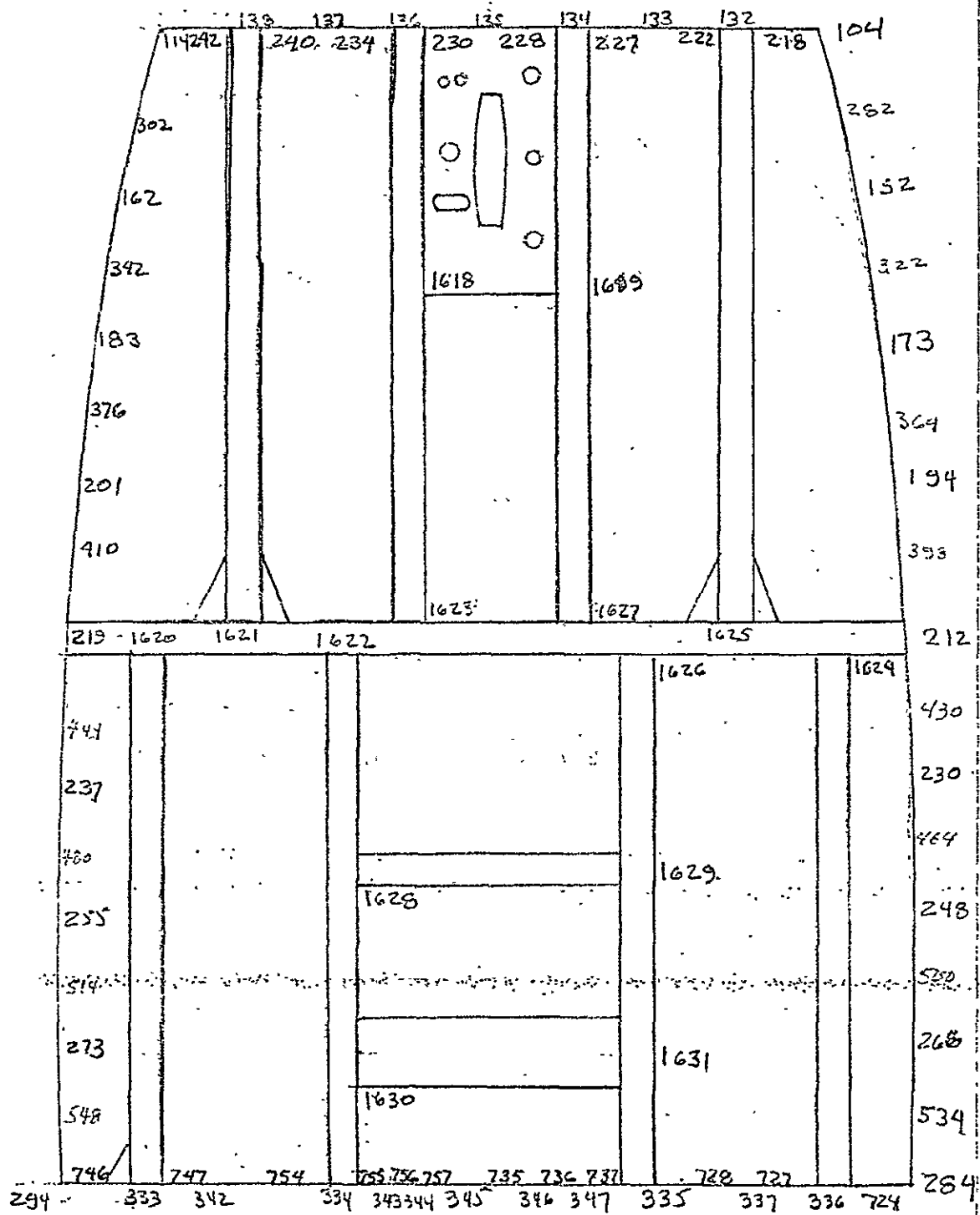
4

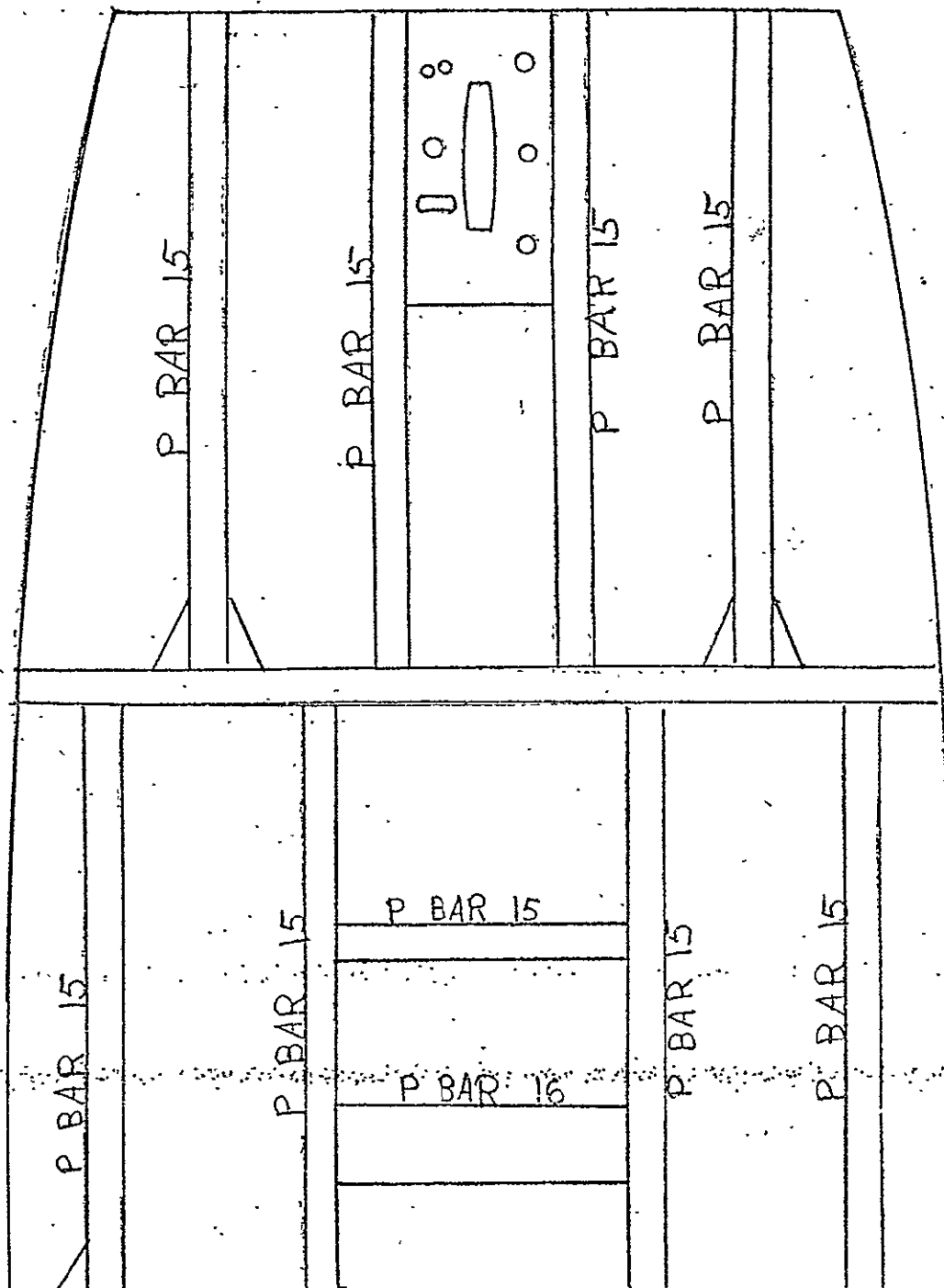


ORIGINAL PAGE 1
OF POOR QUALITY

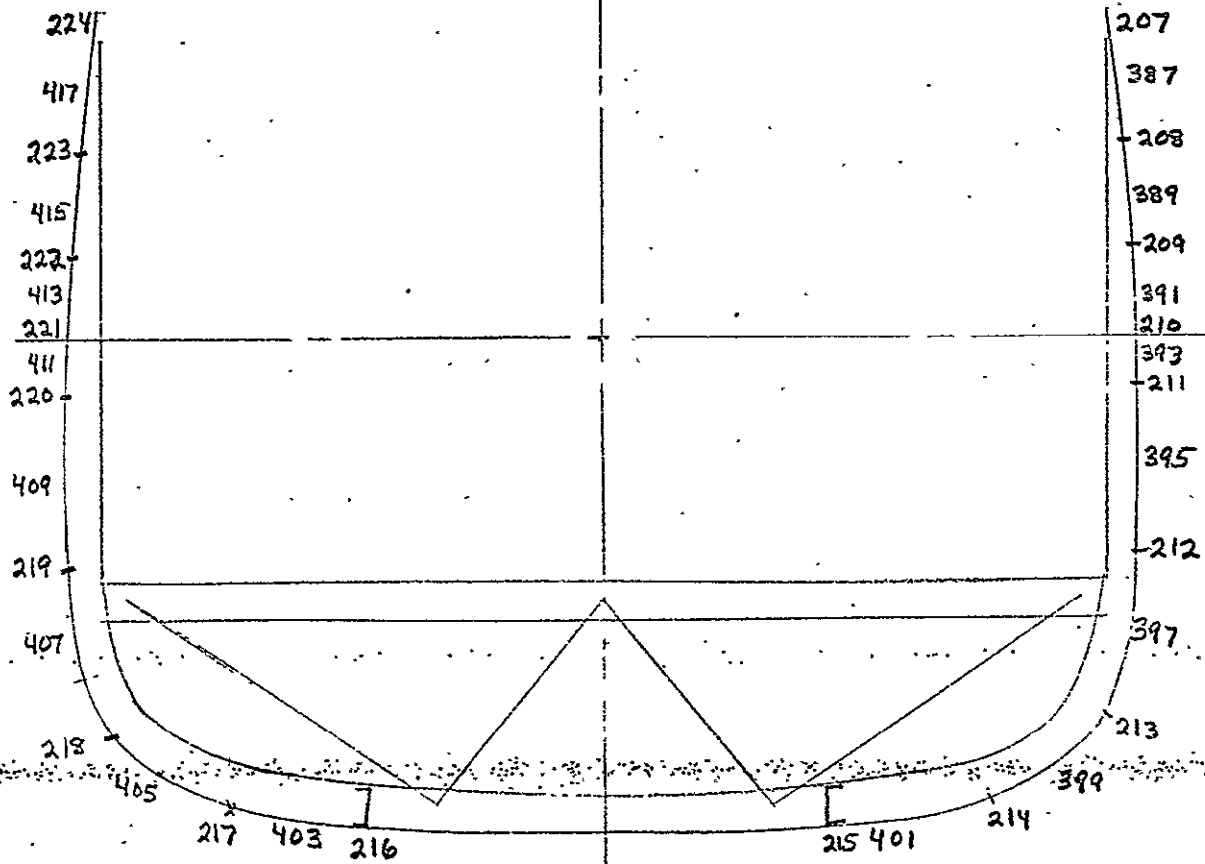


UPPER





PILOT COMPARTMENT
FLOOR

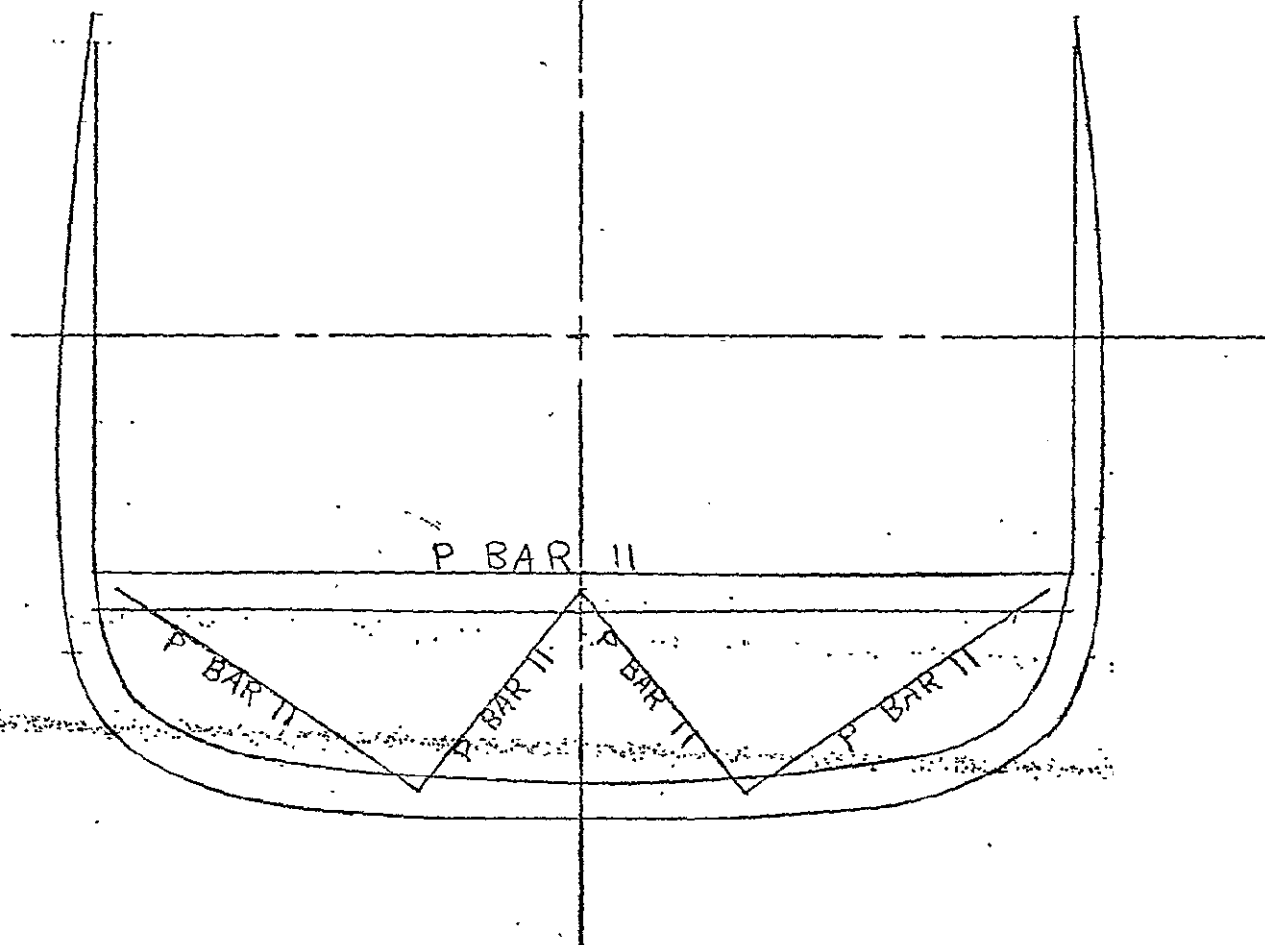


BLKD #4

H

G

7



8

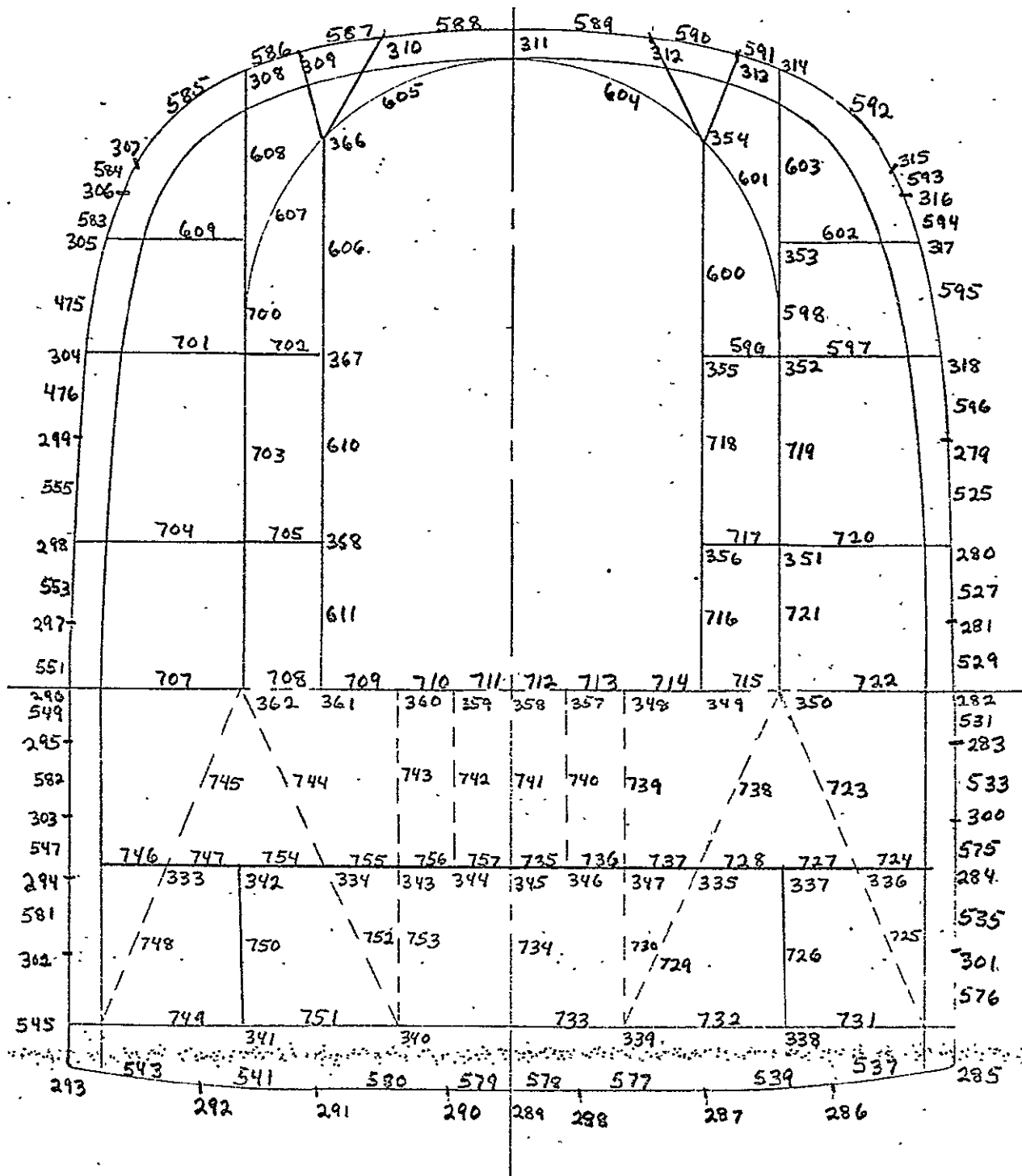
ORIGINAL PAGE IS
OF POOR QUALITY

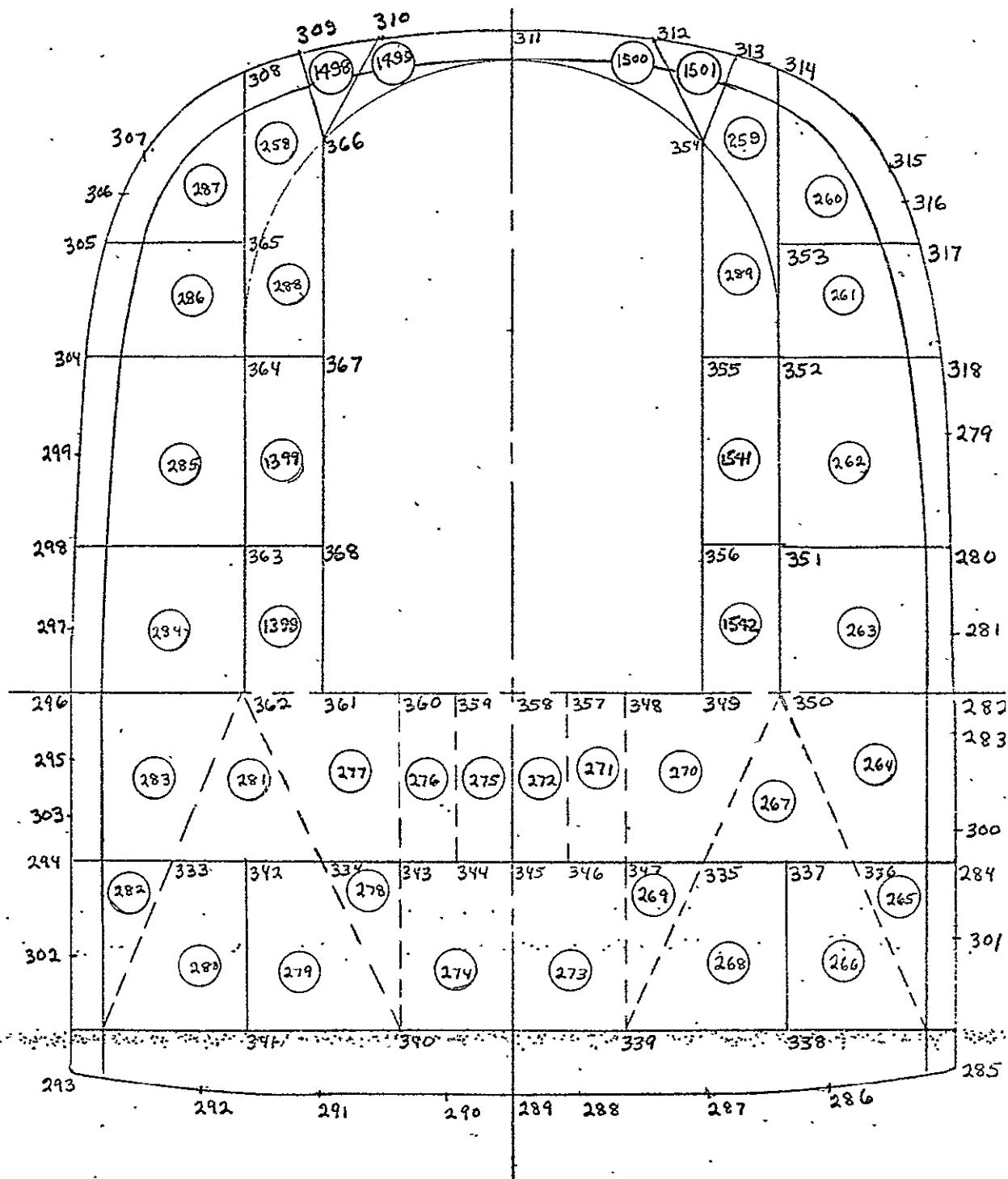
BLKD #4

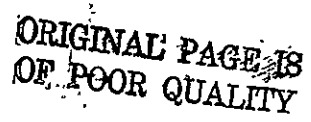
I

I

U







IG F		584 D		585 C	586	587 B	588	A	589	B	590	591 C	592	D	593 E	FGI
		307	308	309	310	311	312	313	314	315						
		826	828	830	832	833	839	759	760	762	764	766				
		825	827	829	831	405	406	370	761	763	765	767				
		403	404	405	406	407	408	409	410	411	412					
		908	910	911	912	913	914	915	916	917	918	919				
		911	913	914	915	916	917	918	919	920	921	922				
		446	447	448	449	450	451	452	453	454	455	456				
		998	1000	999	1001	1002	1003	1004	1005	1006	1007	1008				
		997	999	998	1000	1001	1002	1003	1004	1005	1006	1007				
		492	493	494	495	496	497	498	499	500	501	502				
		1078	1080	1082	1084	1086	1088	1090	1092	1094	1096	1098				
		1077	1079	1081	1083	1085	1087	1089	1091	1093	1095	1097				
		534	535	536	537	538	539	540	541	542	543	544				
		1152	1154	1156	1158	1160	1162	1164	1166	1168	1170	1172				
		1153	1155	1157	1159	1161	1163	1165	1167	1169	1171	1173				
		576	577	578	579	580	581	582	583	584	585	586				
		1238	1240	1242	1244	1246	1248	1250	1252	1254	1256	1258				
		1239	1241	1243	1245	1247	1249	1251	1253	1255	1257	1259				
		617	618	619	620	621	622	623	624	625	626	627				
		1330	1332	1334	1336	1338	1340	1342	1344	1346	1348	1350				
		1331	1333	1335	1337	1339	1341	1343	1345	1347	1349	1351				
		667	668	669	670	671	672	673	674	675	676	677				
		1406	1408	1410	1412	1414	1416	1418	1420	1422	1424	1426				
		1409	1411	1413	1415	1417	1419	1421	1423	1425	1427	1429				
		706	707	708	709	710	711	712	713	714	715	716				
		1482	1484	1486	1488	1490	1492	1494	1496	1498	1500	1502				
		1485	1487	1489	1491	1493	1495	1497	1499	1501	1503	1505				
		744	745	746	747	748	749	750	751	752	753	754				
		1554	1556	1558	1560	1562	1564	1566	1568	1570	1572	1574				
		1553	1555	1557	1559	1561	1563	1565	1567	1569	1571	1573				
		780	781	782	783	784	785	786	787	788	789	790				
		1626	1628	1630	1632	1634	1636	1638	1640	1642	1644	1646				
		1623	1625	1627	1629	1631	1633	1635	1637	1639	1641	1643				
		817	818	819	820	821	822	823	824	825	826	827				
		1704	1705	1706	1707	1708	1709	1710	1711	1712	1713	1714				
		1703	1704	1705	1706	1707	1708	1709	1710	1711	1712	1713				
		858	859	860	861	862	863	864	865	866	867	868				

5.0

5.1

5.2

5.3

6.0

6.1

6.2

6.3

7.0

7.1

7.2

7.3

8.0

IG E		D		C		B		A		B		C		D		EG I	
F		F		F		F		F		F		F		F		F	
	307		308		309		310		311		312		313		314		315
	(322)		(323)		(324)		(325)		(326)		(327)		(328)		(329)		(330)
	403		404		405		406		407		408		409		410		411
	(361)		(362)		(363)		(364)		(365)		(366)		(367)		(368)		(369)
	446		447		448		449		450		451		452		453		454
	(402)		(403)		(404)		(405)		(406)		(407)		(408)		(409)		(410)
	492		493		494		495		496		497		498		499		500
	(443)		(444)		(445)		(446)		(447)		(448)		(449)		(450)		(451)
	534		535		536		537		538		539		540		541		542
	(477)		(478)		(479)		(480)		(481)		(482)		(483)		(484)		(485)
	576		577		578		579		580		581		582		583		584
	(517)		(518)		(519)		(520)		(521)		(522)		(523)		(524)		(525)
	617		618		619		620		621		622		623		624		625
	(561)		(562)		(563)		(564)		(565)		(566)		(567)		(568)		(569)
	667		668		669		670		671		672		673		674		675
	(597)		(598)		(599)		(600)		(601)		(602)		(603)		(604)		(605)
	706		707		708		709		710		711		712		713		714
	(633)		(634)		(635)		(636)		(637)		(638)		(639)		(640)		(641)
	744		745		746		747		748		749		750		751		752
	(669)		(670)		(671)		(672)		(673)		(674)		(675)		(676)		(677)
	780		781		782		783		784		785		786		787		788
	(703)		(704)		(705)		(706)		(707)		(708)		(709)		(710)		(711)
	817		818		819		820		821		822		823		824		825
	(741)		(742)		(743)		(744)		(745)		(746)		(747)		(748)		(749)
	858		859		860		861		862		863		864		865		866

5.0

5.1

5.2

5.3

6.0

6.1

6.2

6.3

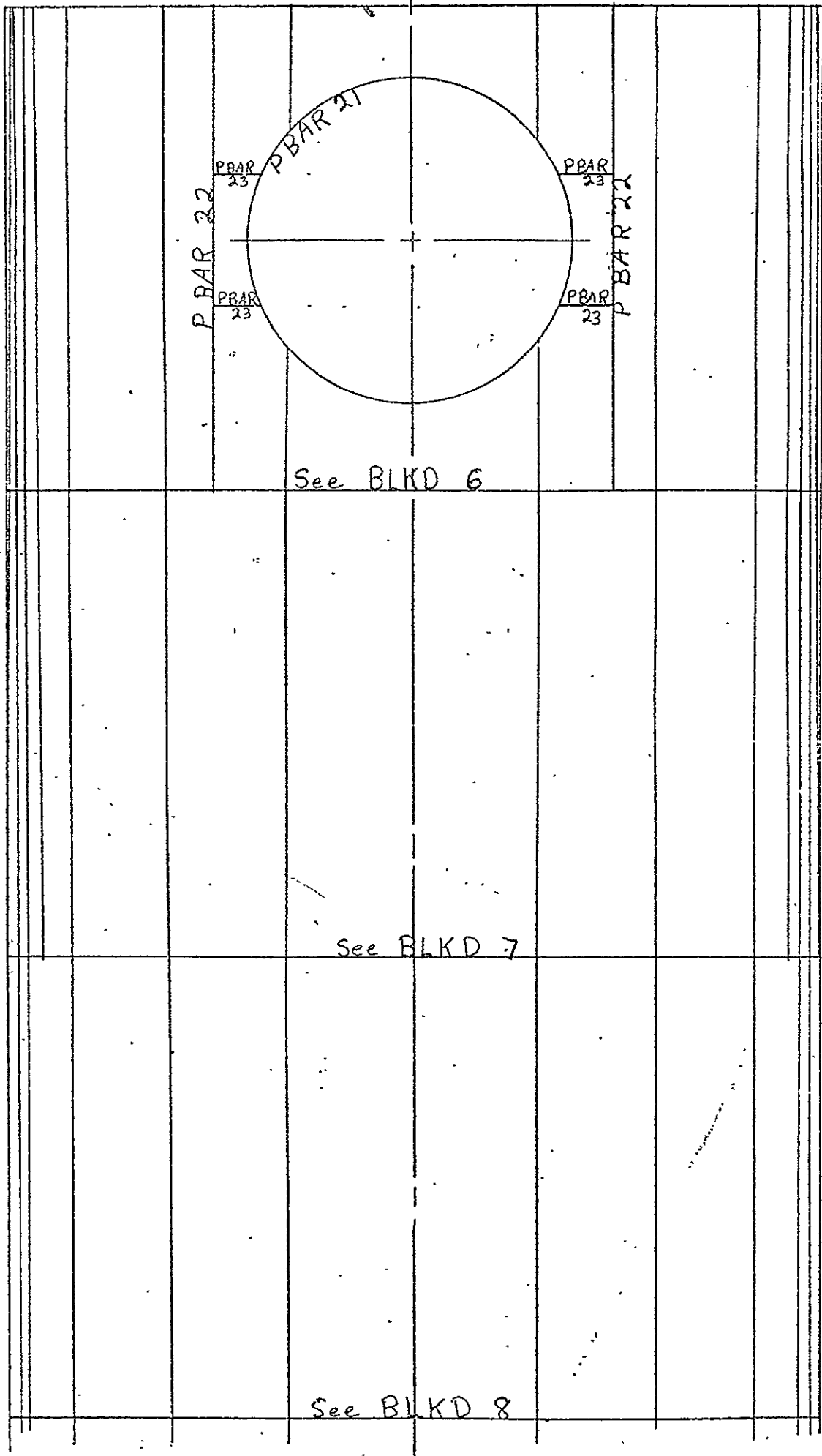
7.0

7.1

7.2

7.3

8.0



5.0

6.0

7.0

8.0

ABC	D	E	F	G	H	I	J	N
314	315	316	317	318	279	280	281	282 283 300 284 301 285
764	766	768	770	772	774	776	778	780 782 784 786
765	767	769	771	773	775	777	779	781 783 785 787
372	383	384	375	376	377	378	379	381 382 383 384
840	842	844	850	851	854	856	858	860 862 864 866 868
843	845	847	849	853	855	857	859	861 863 865 867 869
411	412	413	414	415	417	418	419	420 421 422 423 424 425
932	934	936	938	940	942	944	946	948 950 952 954 956 958
935	937	939	941	943	945	947	949	951 953 955 957
459	460	461	462	463	464	465	466	467 468 469 470 471 472
1008	1010	1012	1014	1016	1018	1020	1022	1024 1026 1028 1030 1032 1034 1036
1007	1009	1011	1013	1015	1017	1019	1021	1023 1025 1027 1029 1031 1033
500	501	502	503	504	505	506	507	508 509 510 511 512 513
1090	1092	1094	1096	1098	1100	1102	1104	1106 1108 1110 1112 1114
1091	1093	1095	1097	1099	1101	1103	1105	1107 1109 1111 1113
540	541	542	543	544	545	546	547	548 549 550 551 552 553 554 555
1162	1164	1166	1168	1170	1172	1174	1176	1178 1180 1182 1184 1186 1188 1190 1192 1194
1163	1165	1167	1169	1171	1173	1175	1177	1179 1181 1183 1185 1187 1189 1191
581	582	583	584	585	586	587	588	589 590 591 592 593 594 595
1248	1250	1252	1254	1256	1258	1260	1262	1264 1266 1268 1270 1272 1274 1276 1278 1280
1249	1251	1253	1255	1257	1259	1261	1263	1265 1267 1269 1271 1273 1275 1277 1279 1281
623	624	625	626	627	628	629	630	631 632 633 634 635 636 637 638 639 640 641
1338	1340	1342	1344	1346	1348	1350	1352	1354 1356 1358 1360 1362 1364 1366 1368 1370 1372 1374
1339	1341	1343	1345	1347	1349	1351	1353	1355 1357 1359 1361 1363 1365 1367 1369 1371
672	673	674	675	676	677	678	679	680 681 682 683 684 685
1418	1420	1422	1424	1426	1428	1430	1432	1434 1436 1438 1440 1442
1419	1421	1423	1425	1427	1429	1431	1433	1435 1437 1439 1441
712	713	714	715	716	717	718	719	720 721 722
1492	1494	1496	1498	1500	1502	1504	1506	1508 1510 1512
1495	1497	1499	1501	1503	1505	1507	1509	1511
749	750	751	752	753	754	755	756	757 758 759
1564	1566	1568	1570	1572	1574	1576	1578	1580 1582 1584
1565	1567	1569	1571	1573	1575	1577	1579	1581
785	786	787	788	789	790	791	792	793 794 795
1636	1638	1640	1642	1644	1646	1648	1650	1652 1654 1656 1658 1660 1662
1635	1637	1639	1641	1643	1645	1647	1649	1651 1653 1655 1657 1659
823	824	825	826	827	828	829	830	831 832 833 834 835 836 837 838

ORIGINAL PAGE IS
OF POOR QUALITY

5.0
5.1
5.2
5.3
6.0
6.1
6.2
6.3
7.0
7.1
7.2
7.3
8.0

ABC D E F G H I J

N

314 (293)	315 (294)	316 (295)	317 (296)	318 (297)	279 (298)	280 (299)	281 (300)	282 (301)	283 (302)	300 (303)	284 (304)	285 (305)
372 (329)	373 (330)	374 (331)	375 (332)	376 (333)	377 (334)	378 (335)	379 (336)	380 (337)	381 (338)	382 (339)	383 (340)	384 (341)
411 (370)	412 (371)	413 (372)	414 (373)	415 (374)	416 (375)	417 (376)	418 (377)	419 (378)	420 (379)	421 (380)	422 (381)	423 (382)
459 (410)	460 (411)	461 (412)	462 (413)	463 (414)	464 (415)	465 (416)	466 (417)	467 (418)	468 (419)	469 (420)	470 (421)	471 (422)
500 (446)	501 (447)	502 (448)	503 (449)	504 (450)	505 (451)	506 (452)	507 (453)	508 (454)	509 (455)	510 (456)	511 (457)	512 (458)
540 (482)	541 (483)	542 (484)	543 (485)	544 (486)	545 (487)	546 (488)	547 (489)	548 (490)	549 (491)	550 (492)	551 (493)	552 (494)
581 (522)	582 (523)	583 (524)	584 (525)	585 (526)	586 (527)	587 (528)	588 (529)	589 (530)	590 (531)	591 (532)	592 (533)	593 (534)
623 (566)	624 (567)	625 (568)	626 (569)	627 (570)	628 (571)	629 (572)	630 (573)	631 (574)	632 (575)	633 (576)	634 (577)	635 (578)
672 (602)	673 (603)	674 (604)	675 (605)	676 (606)	677 (607)	678 (608)	679 (609)	680 (610)	681 (611)	682 (612)	683 (613)	684 (614)
712 (638)	713 (639)	714 (640)	715 (641)	716 (642)	717 (643)	718 (644)	719 (645)	720 (646)	721 (647)	722 (648)	723 (649)	724 (650)
749 (674)	750 (675)	751 (676)	752 (677)	753 (678)	754 (679)	755 (680)	756 (681)	757 (682)	758 (683)	759 (684)	760 (685)	761 (686)
785 (708)	786 (709)	787 (710)	788 (711)	789 (712)	790 (713)	791 (714)	792 (715)	793 (716)	794 (717)	795 (718)	796 (719)	797 (720)
823 (756)	824 (757)	825 (758)	826 (759)	827 (760)	828 (761)	829 (762)	830 (763)	831 (764)	832 (765)	833 (766)	834 (767)	835 (768)

6

5.0

5.1

5.2

5.3

6.0

6.1

6.2

6.3

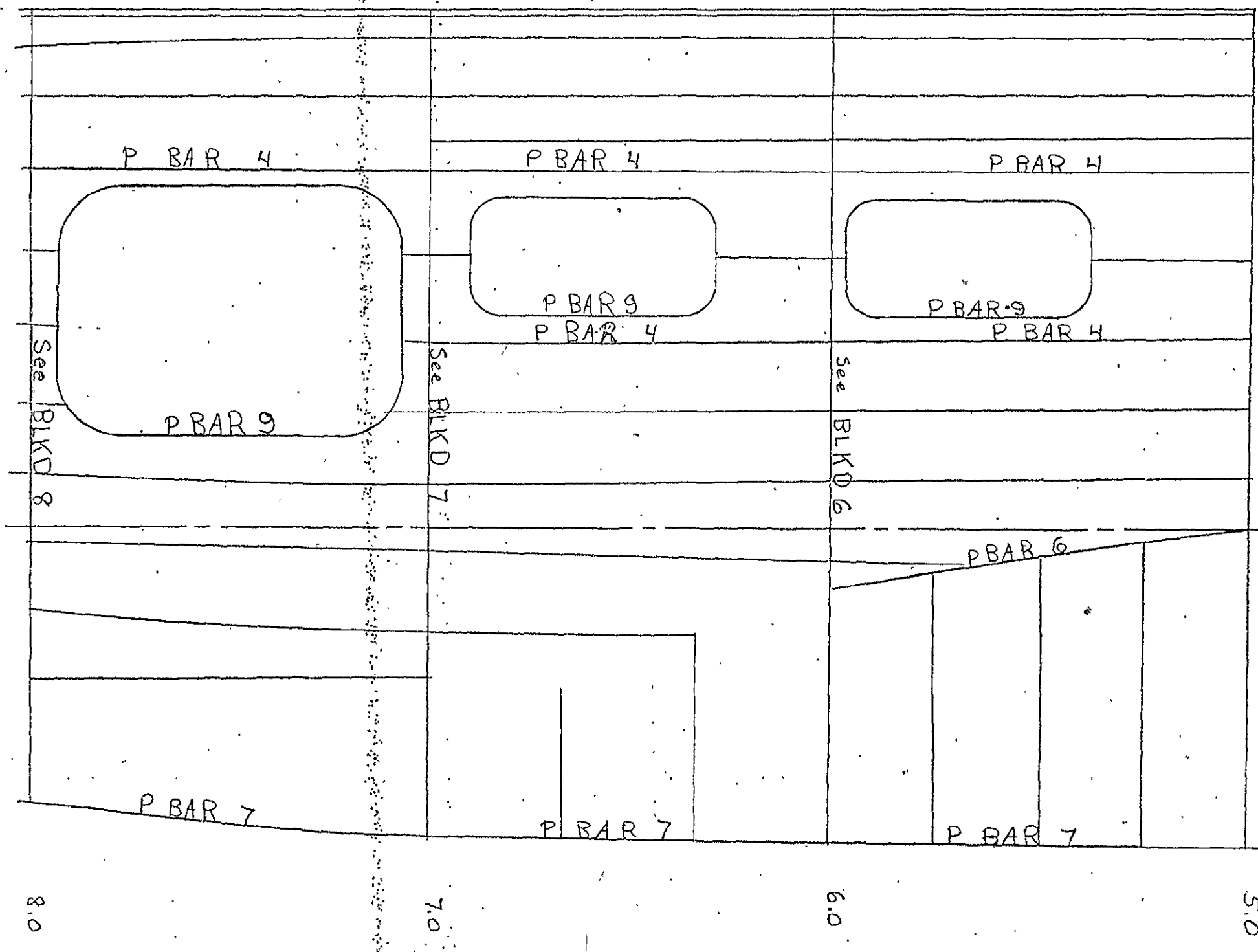
7.0

7.1

7.2

7.3

8.0



ORIGINAL PAGE IS
OF POOR QUALITY

N	O	P	Q	R	Q	P	O	N
537	539	577	578	579	580	541	543	
285	286	287	288	289	290	1601	291	292
788	790	792	794	796	798	3176	800	802
789	791	793	795	797	799	801	803	
384	385	386	387	388	389	1602	390	391
868	870	872	874	876	878	3178	880	882
871	873	875	875	879	881	883	885	
425	426	427	428	429	430	1603	431	432
958	960	962	964	966	968	3180	970	972
959	961	963	965	967	969	971	973	
472	473	474	475	476	477	1604	478	479
1036	1038	1040	1042	1044	1046	3182	1048	1050
1035	1037	1039	1041	1043	1045	1047	1049	
513	514	515	516	517	518	1605	519	520
1114	1116	1118	1120	1122	1124	3184	1126	1128
1115	1117	1119	1121	1123	1125	1127	1129	
554	556	557	558	559	560	1606	561	562
1192	1196	1198	1200	1202	1204	3186	1206	1208
1194	1195	1197	1199	1201	1203	1205	1207	
595	596	597	598	599	600	1608	601	602
1280	1284	1286	1288	1290	1292	3188	1294	1296
1282	1283	1285	1287	1289	1291	1293	1295	1297
640	642	643	644	645	646	1607	647	648
1364	1366	1368	1370	1372	1374	3190	1376	1378
1365	1367	1369	1371	1373	1375	1377	1379	1381
685	686	687	688	689	690	691	692	693
1442	1444	1446	1448	1450	1452	1454	1456	1458
1443	1445	1447	1449	1451	1453	1455	1457	1459
772	723	724	725	726	727	728	730	
1512	1514	1516	1518	1520	1522	1524	1528	1532
1513	1515	1517	1519	1521	1523	1527	1529	
759	760	761	762	763	764	765	767	769
1584	1586	1588	1590	1592	1594	1596	1600	1604
1583	1585	1587	1589	1591	1593	1597	1599	
795	796	797	798	799	800	801	803	805
1662	1664	1666	1668	1670	1672	1674	1678	
1661	1663	1665	1667	1669	1671	1675	1677	
838	839	840	841	842	843	845	846	848

5.1

5.1

5.1

5.3

6.0

6.1

6.2

6.3

7.0

7.1

7.2

7.3

8.0

ORIGINAL PAGE 13
OF POOR QUALITY

285 (304)	286 (305)	287 (306)	288 (307)	289 (308)	290 (309)	1601 (310)	291 (311)	292 (312)	1610 (313)	293
384 (342)	385 (343)	386 (344)	387 (345)	388 (346)	389 (347)	1602 (348)	390 (349)	391 (350)	1611 (351)	392
425 (382)	426 (383)	427 (384)	428 (385)	429 (386)	430 (387)	1603 (388)	431 (389)	432 (390)	1612 (391)	433
472 (423)	473 (424)	474 (425)	475 (426)	476 (427)	477 (428)	1604 (429)	478 (430)	479 (431)	1613 (432)	480
513 (458)	514 (459)	515 (460)	516 (461)	517 (462)	518 (463)	1605 (464)	519 (465)	520 (466)	1614 (467)	521
554 (496)	556 (497)	557 (498)	558 (499)	559 (500)	560 (501)	1606 (502)	561 (503)	562 (504)	1615 (505)	563
595 (538)	596 (539)	597 (540)	598 (541)	599 (542)	600 (543)	1608 (544)	601 (545)	602 (546)	1616 (547)	603
640 (578)	642 (579)	643 (580)	644 (581)	645 (582)	646 (583)	1607 (584)	647 (585)	648 (586)	1617 (587)	649
685... (613)	686... (614)	687... (615)	688... (616)	689... (617)	690... (618)	691... (619)	1609 (620)	693 (621)	694 (622)	695
772 (649)	723 (650)	724 (651)	725 (652)	726 (653)	727 (654)	728 (655)	729 (656)	730 (657)		732
759 (683)	760 (684)	761 (685)	762 (686)	763 (687)	764 (688)	765 (689)	766 (690)	767 (691)		769
795 (721)	796 (722)	797 (723)	798 (724)	799 (725)	800 (726)	801 (727)	802 (728)	803 (729)		805
838	839	840	841	842	843	844	845	846		848

5.0

5.1

5.2

5.3

6.0

6.1

6.2

6.3

7.0

7.1

7.2

7.3

8.0

	P BAR 7	P BAR 7	P BAR 7
See BLKD 8	P BAR 25	See BLKD 7	P BAR 25
	P BAR 25	P BAR 25 P BAR 1	P BAR 25 P BAR 1
	P BAR 1	P BAR 1	P BAR 1
	P BAR 7	P BAR 7	P BAR 7

8.0

7.0

6.0

5.0

N J I H G F E D C B A															
545	581	547	582	549	551	553	3210	555	3211	583	584	585	586		
293	302	294	303	295	296	297	298	299	304	305	306	307	308		
804	806		808	810	812	814	816	818	820	822	824	826	828		
805	807		809	811	813	815	817	819	821	823	825	827	829		
392	393		394	395	396	397	398	399	400	401	402	403	404		
884	886		888	890	892	894	896	898	900	902	904	906	908	910	
887	889		891	893	895	897	899	901	903	905	907	909	911	913	
433	434		435	436	437	438	439	440	441	442	443	444	445	446	
974	976		978	980	982	984	986	988	990	992	994	996	998	1000	
975	977		979	981	983	985	987	989	991	993	995	997	999		
480	481		482	483	484	485	486	487	488	489	490	491	492	493	
1052	1054		1056	1058	1060	1062	1064	1066	1068	1070	1072	1074	1076	1078	1080
1051	1053		1055	1057	1059	1061	1063	1065	1067	1069	1071	1073	1075	1077	1079
521	523		524	525	526	527	528	529	530	531	532	533	534	535	
1130	1132		1134	1136	1138	1140	1142	1144	1146	1148	1150	1152	1154		
1131	1133		1135	1137	1139	1141	1143	1145	1147	1149	1151	1153	1155		
563	565		567	569	570	571	572	573	574	575	576	577			
1212	1214		1216	1218	1220	1222	1224	1226	1228	1230	1232	1234	1236	1238	1240
564	566		568	570	572	574	576	578	580	582	584	586	588	590	
1210	1212		1214	1216	1218	1220	1222	1224	1226	1228	1230	1232	1234	1236	1238
1209	1211		1213	1215	1217	1219	1221	1223	1225	1227	1229	1231	1233	1235	1237
603	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619
1298	1302	1306	1310	1314	1316	1318	1320	1322	1324	1326	1328	1330	1332		
1299	1303	1307	1311	1315	1319	1323	1327	1331	1335	1339	1343	1347	1351	1355	
650	652	654	656	658	660	662	664	666	668	670	672	674	676	678	680
1300	1304	1308	1312	1316	1320	1324	1328	1332	1336	1340	1344	1348	1352	1356	1360
649	651	653	655	657	659	661	663	665	667	669	671	673	675	677	679
1380	1382	1384	1386	1388	1390	1392	1394	1396	1398	1400	1402	1404	1406	1408	1410
1385	1387	1389	1391	1393	1395	1397	1399	1401	1403	1405	1407	1409	1411	1413	1415
695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710
1462	1464	1466	1468	1470	1472	1474	1476	1478	1480	1482	1484	1486	1488	1490	1492
1463	1465	1467	1469	1471	1473	1475	1477	1479	1481	1483	1485	1487	1489	1491	1493
732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747
1532	1534	1536	1538	1540	1542	1544	1546	1548	1550	1552	1554	1556	1558	1560	1562
1533	1535	1537	1539	1541	1543	1545	1547	1549	1551	1553	1555	1557	1559	1561	1563
769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784
1604	1606	1608	1610	1612	1614	1616	1618	1620	1622	1624	1626	1628	1630	1632	1634
1603	1605	1607	1609	1611	1613	1615	1617	1619	1621	1623	1625	1627	1629	1631	1633
805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820
1682	1684	1686	1688	1690	1692	1694	1696	1698	1700	1702	1704	1706	1708	1710	1712
1681	1683	1685	1687	1689	1691	1693	1695	1697	1699	1701	1703	1705	1707	1709	1711
848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863

5.1

5.2

5.3

6.0

6.1

6.2

6.3

7.0

7.1

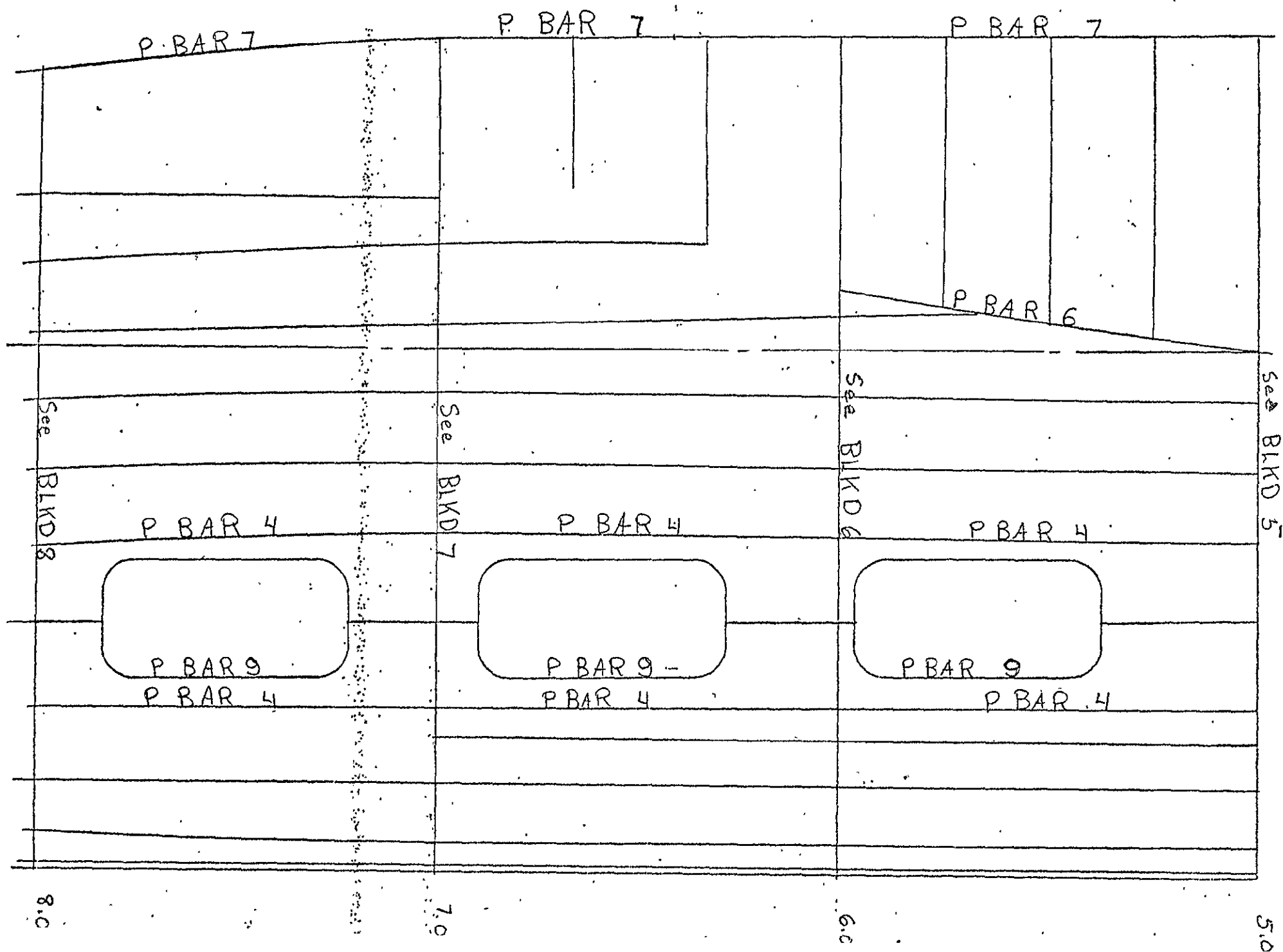
7.2

7.3

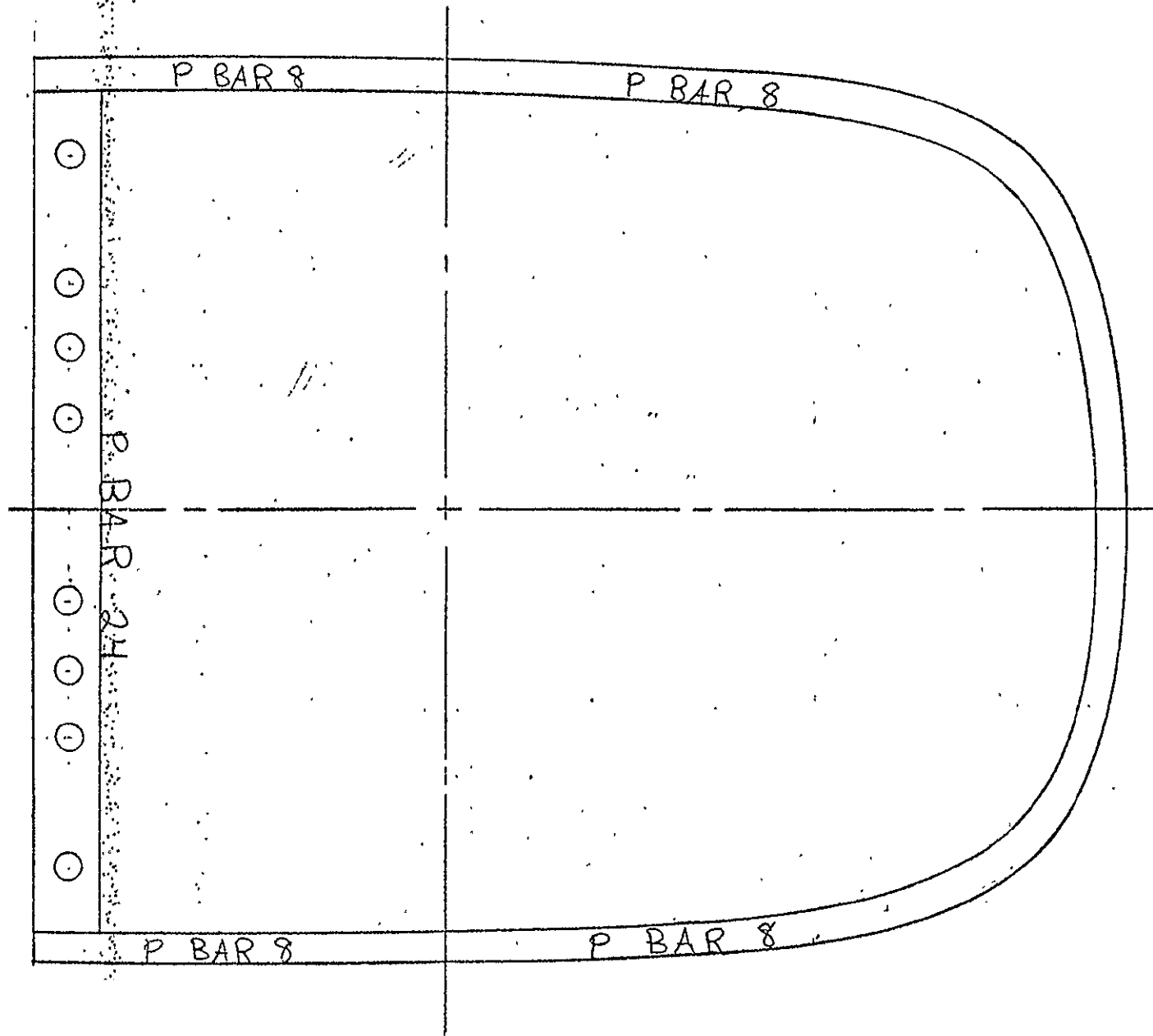
8.0

293	302	294	303	295	296	297	298	299	304	305	306	307	308
(312)	(313)		(314)		(315)	(316)	(317)	(318)	(319)	(320)	(321)	(322)	(323)
392	393	394	395	396	397	398	399	(355)	400	401	402	403	404
(350)	(351)	(352)	(353)	(354)	(355)	(356)	(357)	(358)	(359)	(360)	(361)	(362)	
433	434	435	436	437	438	439	440	441	442	443	444	445	446
(390)	(391)	(392)	(393)	(394)	(395)	(396)	(397)			(398)	(399)	(400)	(401)
480	481	482	483	484	485	486	487	488		489	490	491	492
(431)	(432)	(433)	(434)	(435)	(436)	(437)	(438)	(439)		(440)	(441)	(442)	(443)
521	523	524	525	526	527	528	529	530	531	532	533	534	535
(466)	(467)	(468)	(469)	(470)	(471)	(472)	(473)	(474)	(475)	(476)	(477)	(478)	
563	(504)	565	(506)	567	569	570	571	572	573	574	575	576	577
564	(505)	566	(507)	568	(508)	(509)	(510)	(511)	(512)	(513)	(514)	(515)	(516)
603	(546)	605	(549)	606	(550)	(552)	(553)	(554)	(555)	(556)	(557)	(558)	(559)
650	(547)	652	(548)	654	(551)	656							
649	651	653	655	657	658	659	660	661	662	663	664	665	666
(586)	(587)	(588)	(589)	(590)	(591)	(592)	(593)	(594)	(595)	(596)	(597)	(598)	(599)
695	696	697	698	699	700	701	702	703	704	705	706	707	708
(623)	(624)	(625)	(626)	(627)	(628)	(629)	(630)	(631)	(632)	(633)	(634)	(635)	(636)
732	733	734	735	736	737	738	739	740	741	742	743	744	745
(659)	(660)	(661)	(662)	(663)	(664)	(665)	(666)	(667)	(668)	(669)	(670)	(671)	(672)
769	770	771	772	773	774	775	776	777	778	779	780	781	782
(693)	(694)	(695)	(696)	(697)	(698)	(699)	(700)	(701)	(702)	(703)	(704)	(705)	(706)
805	806	807	808	809	810	811	812	813	814	815	816	817	818
(731)	(732)	(733)	(734)	(735)	(736)	(737)	(738)	(739)	(740)	(741)	(742)	(743)	(744)
848	849	850	851	852	853	854	855	856	857	858	859	860	861

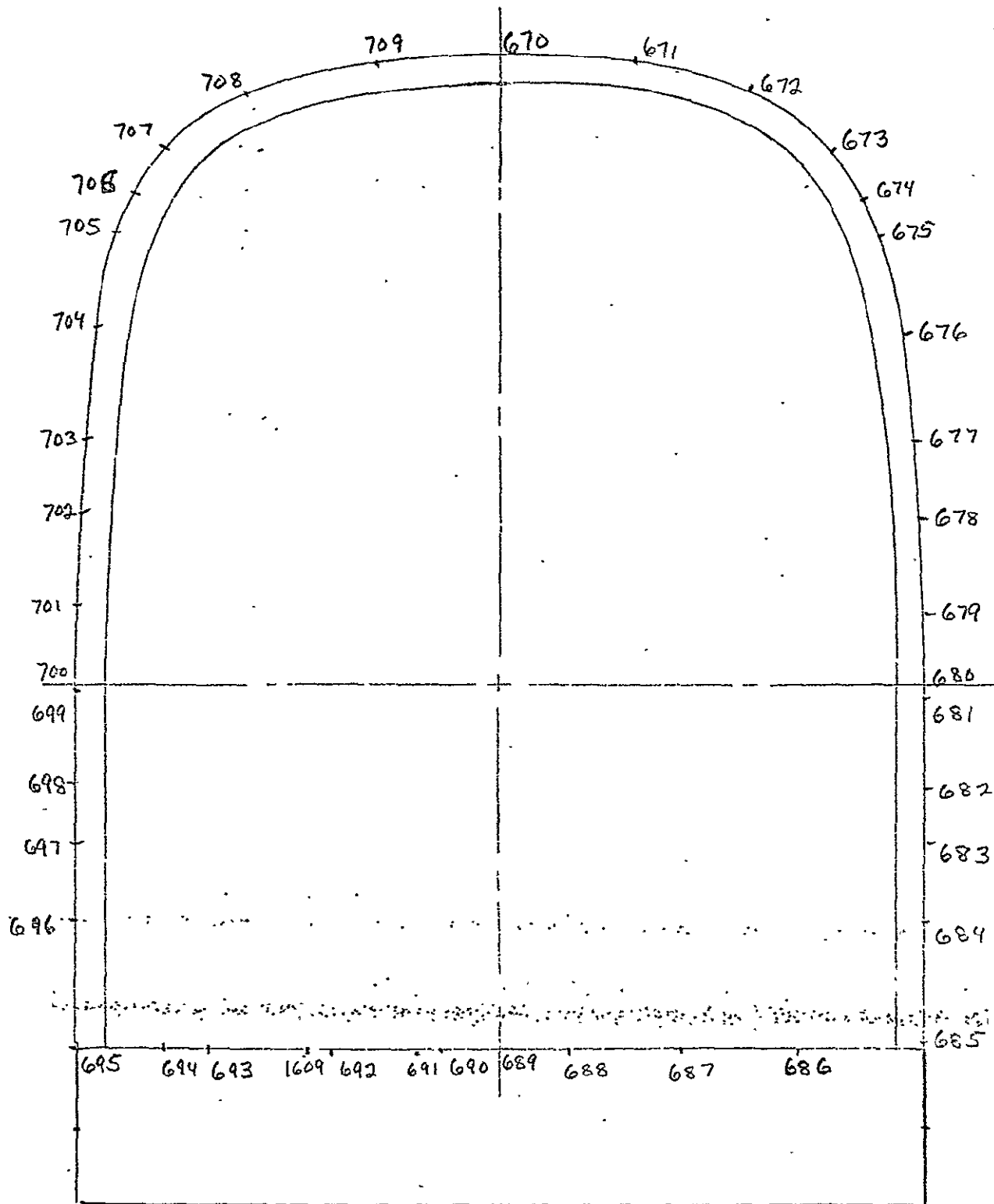
ORIGINAL PAGE IS
OF POOR QUALITY

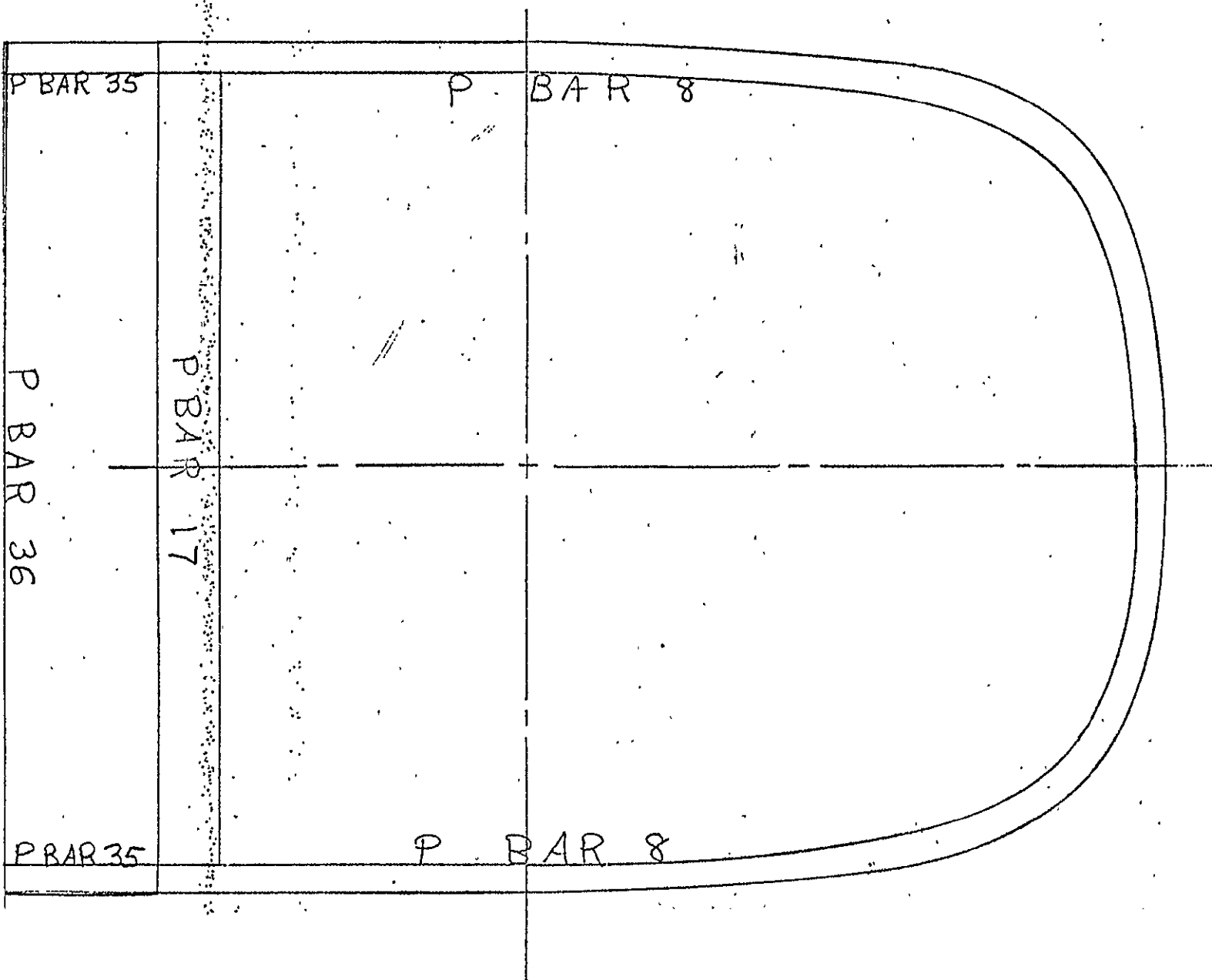


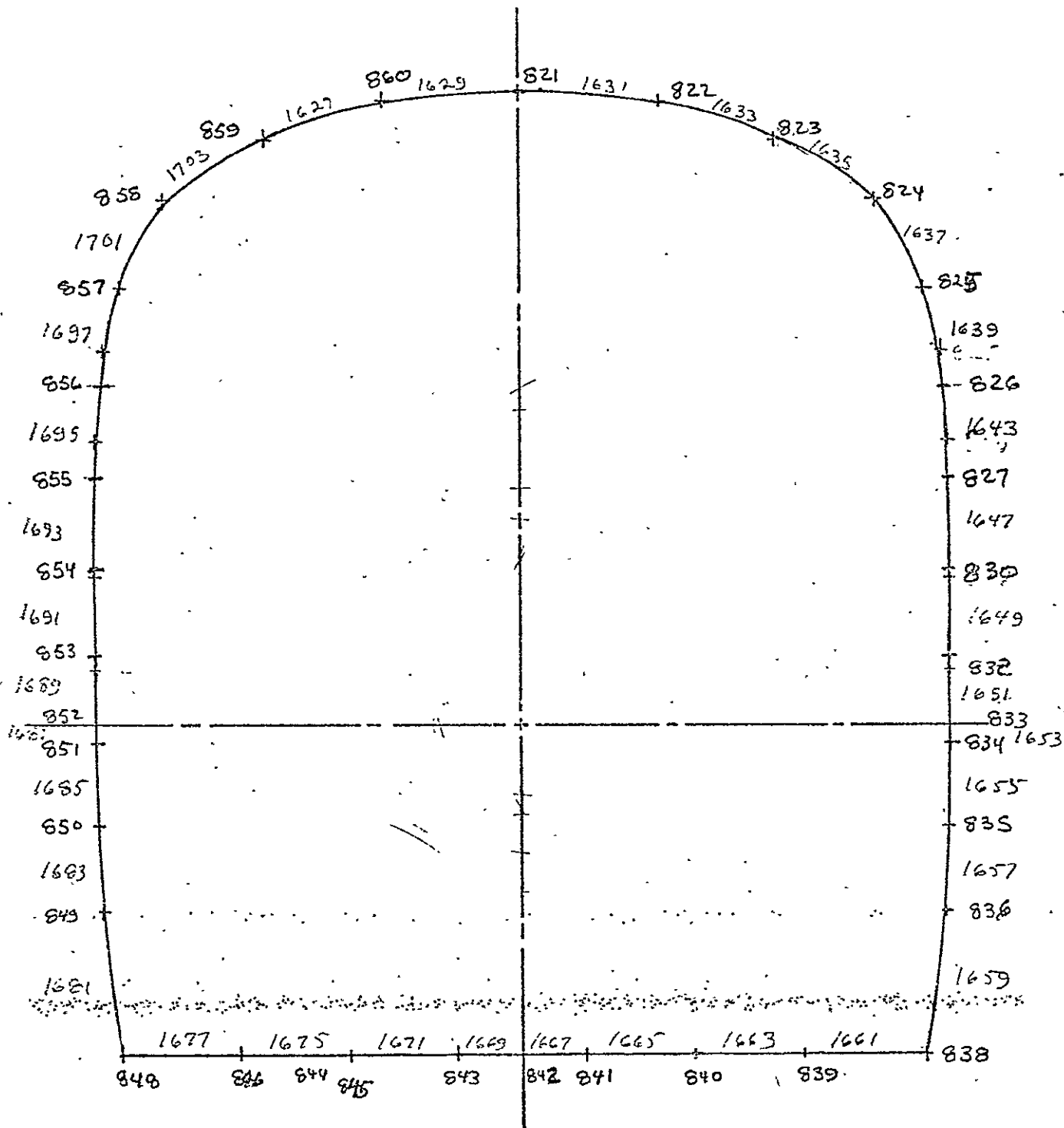




00
1
X
0
H
0)

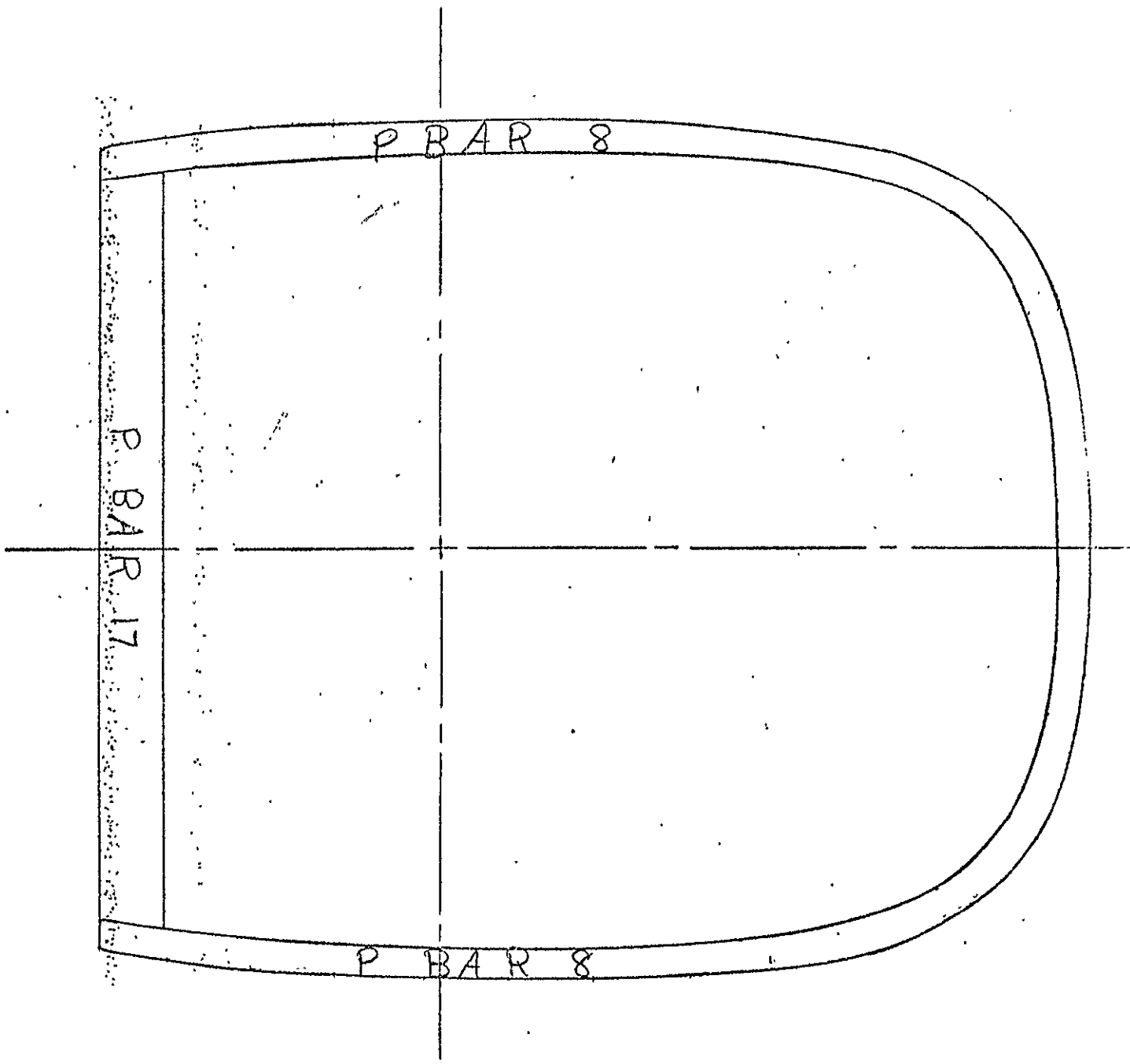






ORIGINAL PAGE IS
OF POOR QUALITY

BKLD 8



BLKD # 8

H	G	F	D	C	B	A	B	C	D	F	G	H
			858	859	860	821	822	823	824			
			1764	1766	1768	1708	1710	1712	1714			
			1765	1767	1707	1709	1711	1713	1715			
			889	890	891	861	862	863	864			
			1824	1826	1828	1770	1772	1774	1776			
			1825	1827	1769	1771	1773	1775	1777			
			99	920	921	892	893	894	895			
			1884	1886	1888	1830	1832	1834	1836			
			1885	1887	1829	1831	1833	1835	1837			
			956	957	958	922	923	924	925			
			1962	1964	1966	1890	1892	1894	1896			
			1963	1965	1967	1891	1893	1895	1897			
			992	993	994	995	959	960	961	962	963	
			2124	2126	1968	1970	1972	1974	1976	1978	1980	
			2123	2125	1969	1971	1973	1975	1977	1979	1981	
			1071	1072	1073	926	1039	1040	1041	1042	1043	
			2202	2204	2206	2128	2130	2132	2134	2136	2138	
			2205	2207	2127	2129	2131	2133	2135	2137	2139	
			1111	1112	1113	1114	1074	1075	1076	1077	1078	
			2270	2272	2274	2276	2208	2210	2212	2214	2216	
			2271	2273	2275	2277	2209	2211	2213	2215	2217	
			1144	1145	1146	1147	1115	1116	1117	1118	1119	
			2342	2344	2346	2348	2278	2280	2282	2284	2286	
			2343	2345	2347	2349	2279	2281	2283	2285	2287	
			1189	1190	1191	1192	1157	1158	1159	1160	1161	
			2414	2416	2418	2420	2350	2352	2354	2356	2358	
			2411	2413	2415	2417	2351	2353	2355	2357	2359	
			1225	1226	1227	1228	1193	1194	1195	1196	1197	
			2482	2484	2486	2487	2422	2424	2426	2428	2430	
			2481	2483	2485	2419	2421	2423	2425	2427	2429	
			1259	1260	1261	1262	1229	1230	1231	1232	1233	

8.0

8.1

8.2

8.3

9.0

9.1

9.2

10.0

10.1

10.2

11.0

H G F D C B A B C D F G H

858	859	860	821	822	823	824		
(773)	(774)	(775)	(744)	(745)	(746)	(747)		
889	890	891	861	862	863	864		
(801)	(802)	(803)	(776)	(777)	(778)	(779)		
919	920	921	892	893	894	895		
(830)	(831)	(832)	(804)	(805)	(806)	(807)		
956	957	958	922	923	924	925		
(867)	(868)	(869)	(833)	(834)	(835)	(836)		
992	993	994	995	960	961	962	963	
(950)	(951)	(870)	(871)	(872)	(873)	(874)	(875)	(876)
1071	1072	1073	926	1039	1040	1041	1042	1043
(988)	(989)	(952)	(953)	(954)	(955)	(956)	(957)	(958)
1111	1112	1113	1114	1074	1075	1076	1077	1078
(1024)	(1025)	(990)	(991)	(992)	(993)	(994)	(995)	(996)
1144	1145	1146	1147	1115	1116	1117	1118	1119
(1072)	(1073)	(1074)	(1075)	(1076)	(1077)	(1078)	(1079)	(1080)
1189	1190	1191	1192	1157	1158	1159	1160	1161
(1168)	(1169)	(1170)	(1171)	(1172)	(1173)	(1174)	(1175)	(1176)
1225	1226	1227	1228	1193	1194	1195	1196	1197
(1193)	(1194)	(1195)	(1196)	(1197)	(1198)	(1199)	(1200)	(1201)
1259	1260	1261	1262	1229	1230	1231	1232	1233

8.0

8.1

8.2

8.3

9.0

9.1

9.2

10.0

10.1

10.2

11.0

ORIGINAL PAGE IS
OF POOR QUALITY

See BLKD 11

P BAR 26

P BAR 26

See BLKD 10.0

P BAR 26

P BAR 26

See BLKD 9

See BLKD 8

11.0

10.0

9.0

8.0

A	B	C	D	F	G	H	I	J	K	L	M	N
1635	1637	1639	1643	1647	1649	1651	1653	1655	1657	1659		
823	824	825	826	827	830	832	833	834	835	836		838
1712	1714	1716	1718	1720	1722	1724	1726	1728	1730	1732		1734
1713	1715	1717	1719	1721	1723	1725	1727	1729	1731	1733		
863	864	865	866	867	868	869	870	871	872			
1774	1776	1778	1780	1782	1784	1786	1788	1790	1792	1794	1796	1798
1775	1777	1779	1781	1783	1785	1787	1789	1791	1793	1795	1797	
894	895	896	897	898	899	900	901	902	903	904	905	906
1834	1836	1838	1840	1842	1844	1846	1848	1850	1852	1854	1856	1858
1835	1837	1839	1841	1843	1845	1847	1849	1851	1853	1855		
924	925	927	928	931	932	933	934	935	936			937
1894	1896	1898	1900	1902	1904	1906	1908	1910	1912	1914		1916
1897	1899	1901	1903	1905	1907	1909	1911	1913	1915	1917		
962	963	964	965	966	967	968	969	970	971	972		973
1978	1980	1982	1984	1986	1988	1990	1992	1994	1996	1998		
1979	1981	1983	1985	1987	1989	1991	1993	1995	1997	1999		
1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052		1053
2136	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149
2137	2139	2141	2143	2145	2147	2149	2151	2153	2155	2157	2159	2161
1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089
2214	2216	2218	2220	2222	2224	2226	2228	2230	2232	2234		2236
2215	2217	2219	2221	2223	2225	2227	2229	2231	2233			
1118	1119	1120	1121	1122	1123	1124	1125	1126	1127			1128
2284	2286	2288	2290	2292	2294	2296	2298	2300	2302	2304		
2285	2287	2289	2291	2293	2295	2297	2299	2301	2303	2305		
1166	1167	1168	1169	1170								1171
2356	2358	2360	2362	2364	2366	2368	2370	2372	2374	2376		
2357	2359	2361	2363	2365	2367	2369	2371	2373	2375			
1196	1197	1198	1199	1200	1201	1202	1203	1204	1205			1206
2428	2430	2432	2434	2436	2438	2440	2442	2444	2446	2448		
2427	2429	2431	2433	2435	2437	2439	2441	2443	2445			
1232	1233	1234	1235	1236	1237	1238	1239	1240	1241	1242		

8.0

8.1

8.2

8.3

9.0

9.1

9.2

10.0

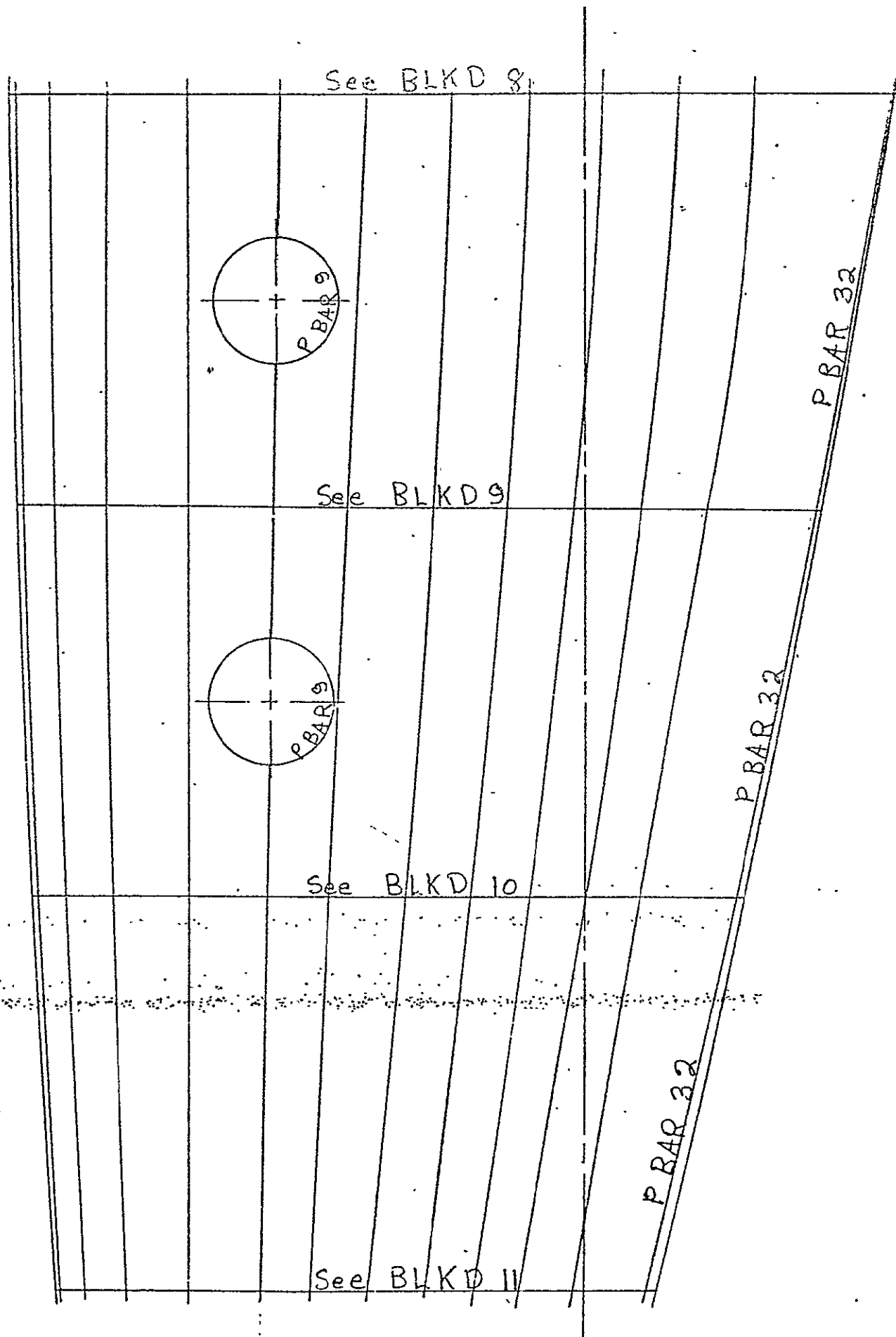
10.1

10.2

11.0

A	B	C	D	E	F	G	H	I	J	K	L	M	N		
823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838
(746)	(747)	(748)	(749)	(750)	(751)	(752)	(753)	(754)	(755)	(756)	(757)	(758)	(759)	(760)	(761)
863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878
(778)	(779)	(780)	(781)	(782)	(783)	(784)	(785)	(786)	(787)	(788)	(789)	(790)	(791)	(792)	(793)
894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909
(806)	(807)	(808)	(809)	(810)	(811)	(812)	(813)	(814)	(815)	(816)	(817)	(818)	(819)	(820)	(821)
924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939
(835)	(836)	(837)	(838)	(839)	(840)	(841)	(842)	(843)	(844)	(845)	(846)	(847)	(848)	(849)	(850)
962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977
(875)	(876)	(877)	(878)	(879)	(880)	(881)	(882)	(883)	(884)	(885)	(886)	(887)	(888)	(889)	(890)
1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057
(957)	(958)	(959)	(960)	(961)	(962)	(963)	(964)	(965)	(966)	(967)	(968)	(969)	(970)	(971)	(972)
1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092
(995)	(996)	(997)	(998)	(999)	(1000)	(1001)	(1002)	(1003)	(1004)	(1005)	(1006)	(1007)	(1008)	(1009)	(1010)
1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133
(1031)	(1032)	(1033)	(1034)	(1035)	(1036)	(1037)	(1038)	(1039)	(1040)	(1041)	(1042)	(1043)	(1044)	(1045)	(1046)
1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175
(1079)	(1080)	(1081)	(1082)	(1083)	(1084)	(1085)	(1086)	(1087)	(1088)	(1089)	(1090)	(1091)	(1092)	(1093)	(1094)
1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211
(1115)	(1116)	(1117)	(1118)	(1119)	(1120)	(1121)	(1122)	(1123)	(1124)	(1125)	(1126)	(1127)	(1128)	(1129)	(1130)
1232	1233	1234	1235	1236	1237	1238	1239	1240	1241	1242	1243	1244	1245	1246	1247

8.0
8.1
8.2
8.3
9.0
9.1
9.2
10.0
10.1
10.2
11.0



8.0

9.0

0.0

11.0

N	O	P	Q	R	Q	P	O	N
838	839	840	841	842	843	845	846	848
1734	1736	1738	1740	1742	1744	1748	1750	1754
1735	1737	1739	1741	1743	1745	1749	1751	1753
872	873	874	875	876	877	880	881	883
1748	1800	1802	1804	1806	1808	1812	1814	1818
1799	1801	1803	1805	1807	1809	1813	1815	1819
906	907	908	909	910	911	913	914	916
1858	1860	1862	1864	1866	1868	1872	1874	1878
1857	1859	1861	1863	1865	1867	1871	1873	1877
937	938	939	940	941	942	944	945	947
1916	1918	1920	1922	1924	1926	1930	1932	1936
1919	1921	1923	1925	1927	1929	1933	1935	1939
973	976	974	975	976	977	979	980	982
2088	2090	2092	2094	2096	2098	2100	2102	2104
2087	2089	2091	2093	2095	2097	2099	2101	2103
1053	1054	1055	1056	1057	1058	1059	1060	1061
2162	2164	2166	2168	2170	2172	2174	2176	2178
2163	2165	2167	2169	2171	2173	2175	2177	2179
1090	1091	1092	1093	1094	1095	1096	1097	1098
2236	2238	2240	2242	2244	2246	2248	2250	2252
2235	2237	2239	2241	2243	2245	2247	2249	2251
1128	1129	1130	1131	1132	1133	1134	1135	1136
2306	2308	2310	2312	2314	2316	2318	2320	2322
2307	2309	2311	2313	2315	2317	2319	2321	2323
1171	1172	1173	1174	1175	1176	1177	1178	1179
2378	2380	2382	2384	2386	2388	2390	2392	2394
2377	2379	2381	2383	2385	2387	2389	2391	2393
1206	1208	1209	1210	1211	1212	1213	1214	1215
2448	2450	2452	2454	2456	2458	2460	2462	2464
2447	2449	2451	2453	2455	2457	2459	2461	2463
1242	1243	1244	1245	1246	1247	1248	1249	1250

8.0

8.1

8.2

8.3

9.0

9.1

9.2

10.0

10.1

10.2

11.0

ORIGINAL PAGE IS
OF POOR QUALITY

N	O	P	Q	R	Q	P	O	N
838 (757)	839 (758)	840 (759)	841 (760)	842 (761)	843 (763)	845 (764)	846 (765)	848 (768)
872 (787)	873 (788)	874 (789)	875 (790)	876 (791)	877 (793)	880 (794)	881 (795)	883 (798)
906 (817)	907 (818)	908 (819)	909 (820)	910 (821)	911 (823)	913 (824)	914 (825)	916 (827)
937 (847)	938 (848)	939 (849)	940 (850)	941 (851)	942 (853)	944 (854)	945 (855)	947 (857)
973 (932)	976 (933)	974 (934)	975 (935)	976 (936)	977 (937)	979 (938)	980 (939)	982 (940)
1053 (969)	1054 (970)	1055 (971)	1056 (972)	1057 (973)	1058 (974)	1059 (975)	1060 (976)	1061 (977)
1090 (1005)	1091 (1006)	1092 (1007)	1093 (1008)	1094 (1009)	1095 (1010)	1096 (1011)	1097 (1012)	1098 (1013)
1128 (1054)	1129 (1055)	1130 (1056)	1131 (1057)	1132 (1058)	1133 (1059)	1134 (1060)	1135 (1061)	1136 (1062)
1171 (1090)	1172 (1091)	1173 (1092)	1174 (1093)	1175 (1094)	1176 (1095)	1177 (1096)	1178 (1097)	1179 (1098)
1206 (1125)	1208 (1126)	1209 (1127)	1210 (1128)	1211 (1129)	1212 (1130)	1213 (1131)	1214 (1132)	1215 (1134)
1242	1243	1244	1245	1246	1247	1248	1249	1250

11

8.0

8.1

8.2

8.3

9.0

9.1

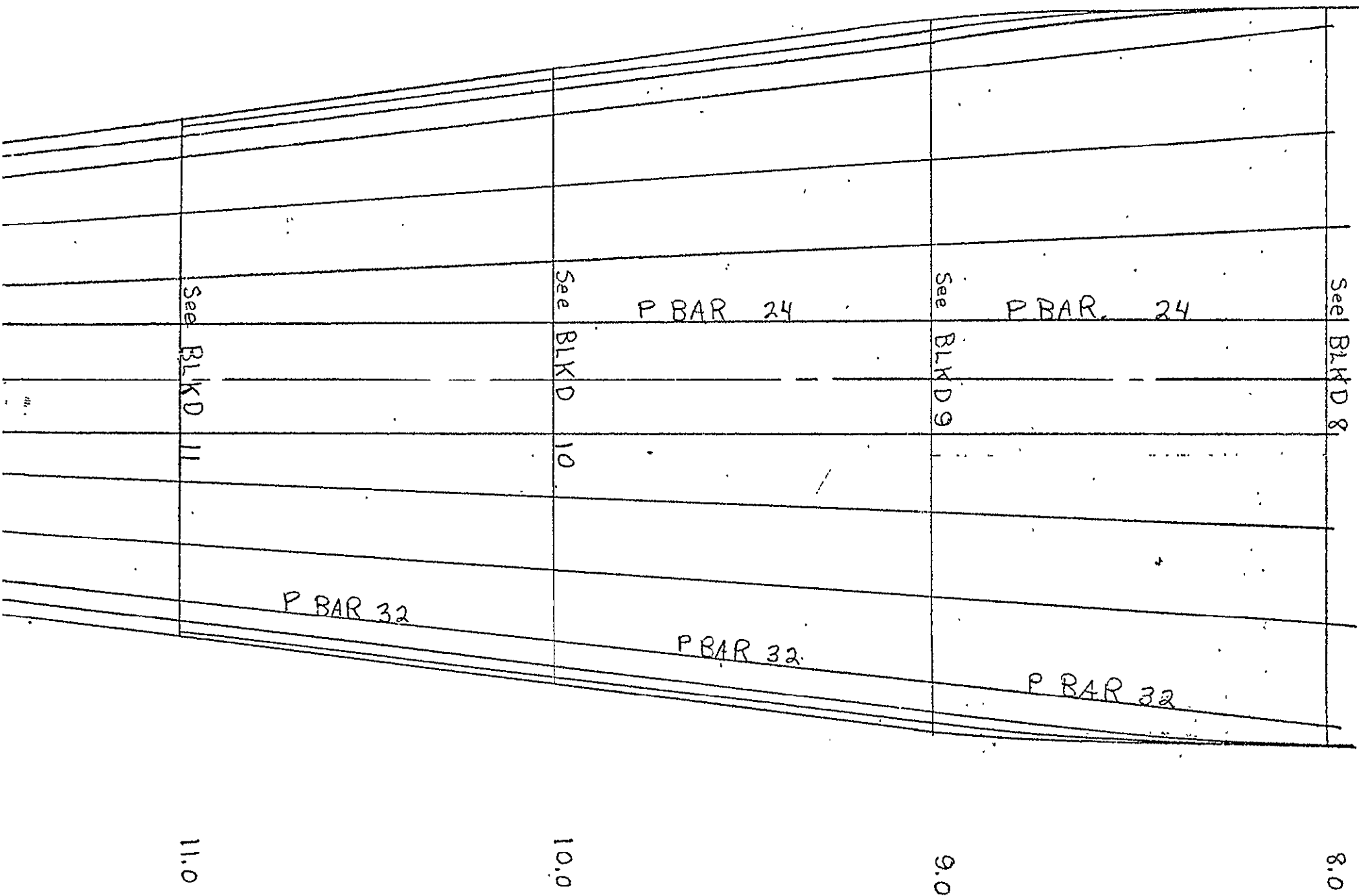
9.2

10.0

10.1

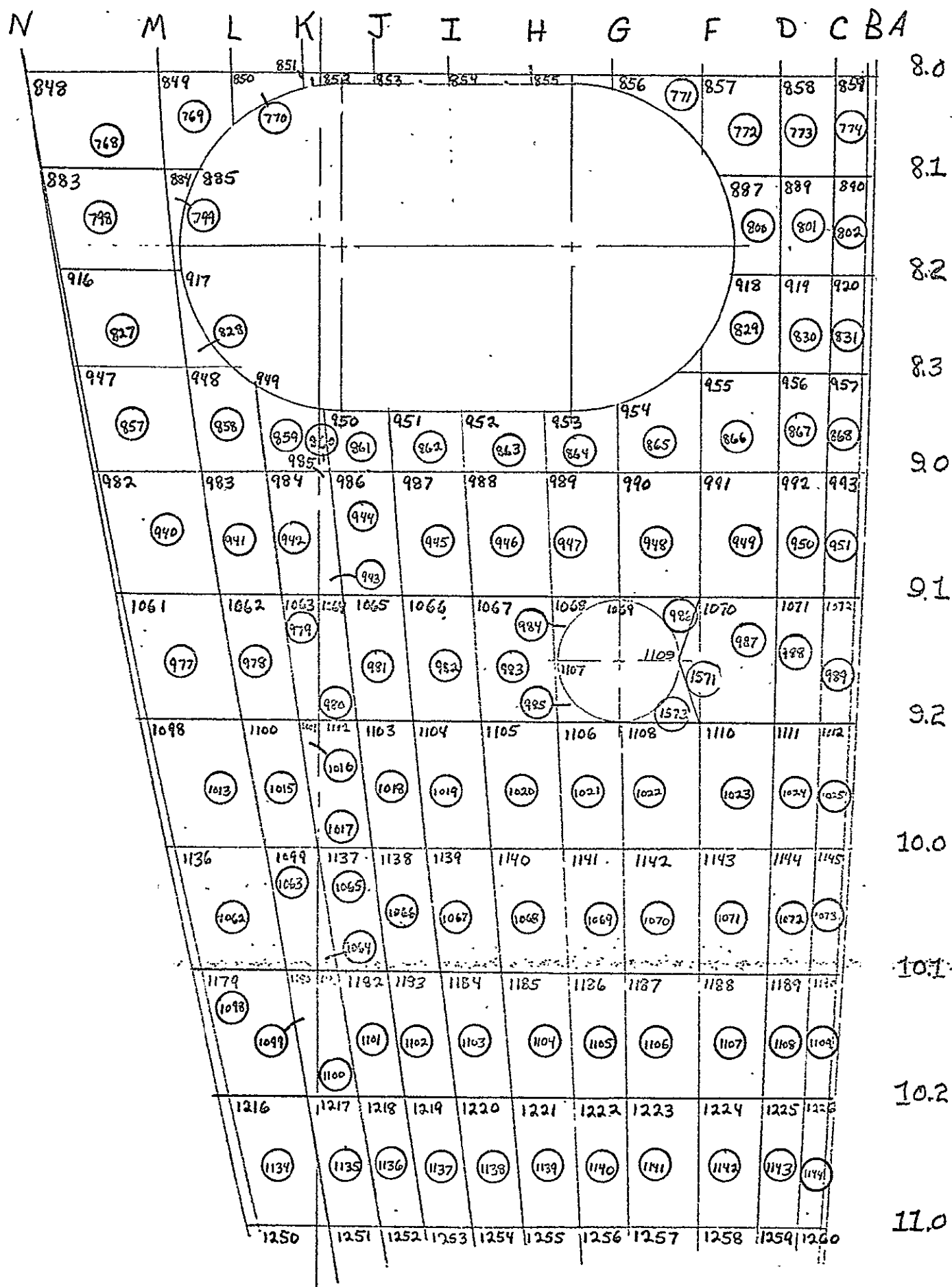
10.2

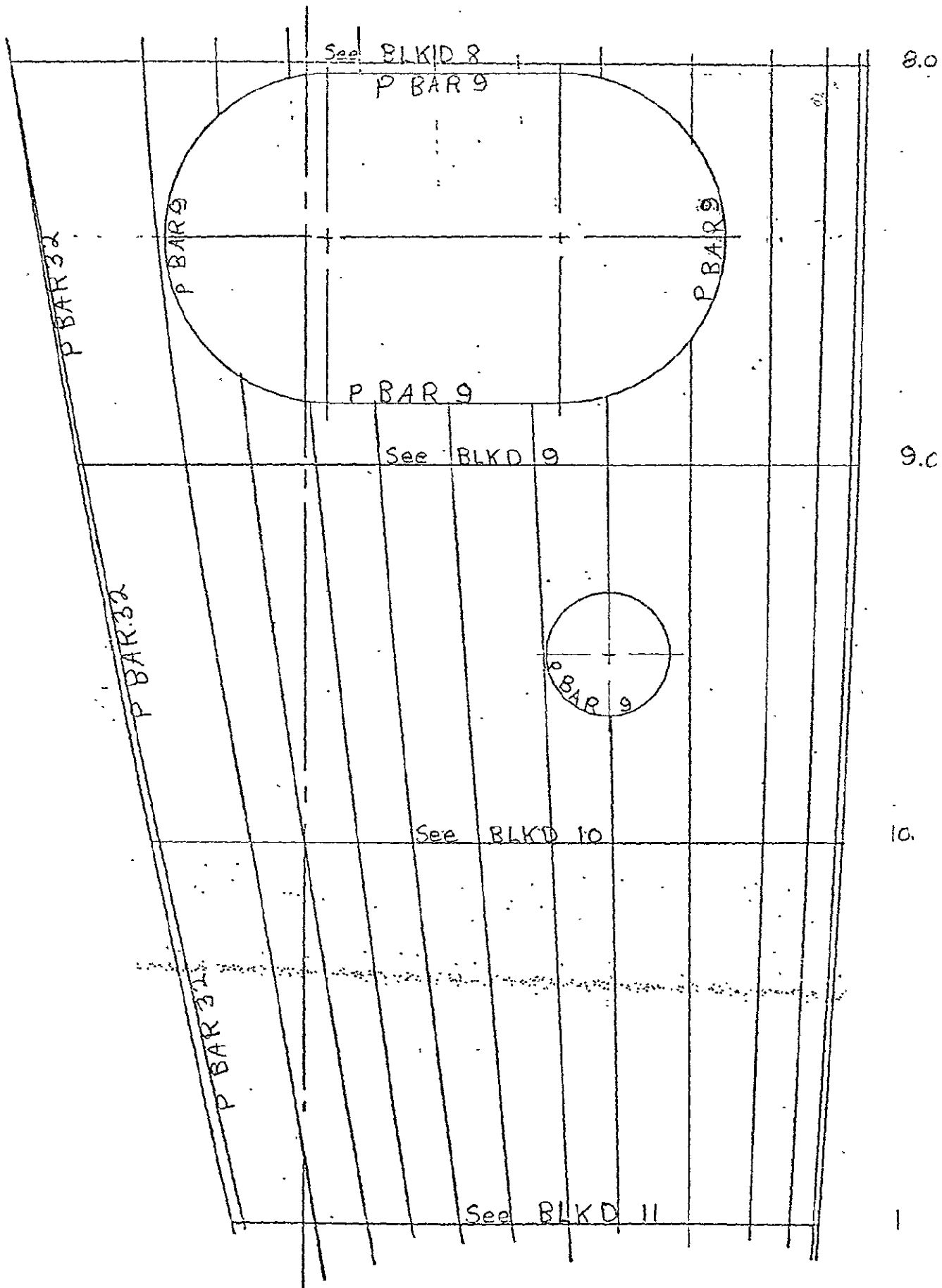
11.0

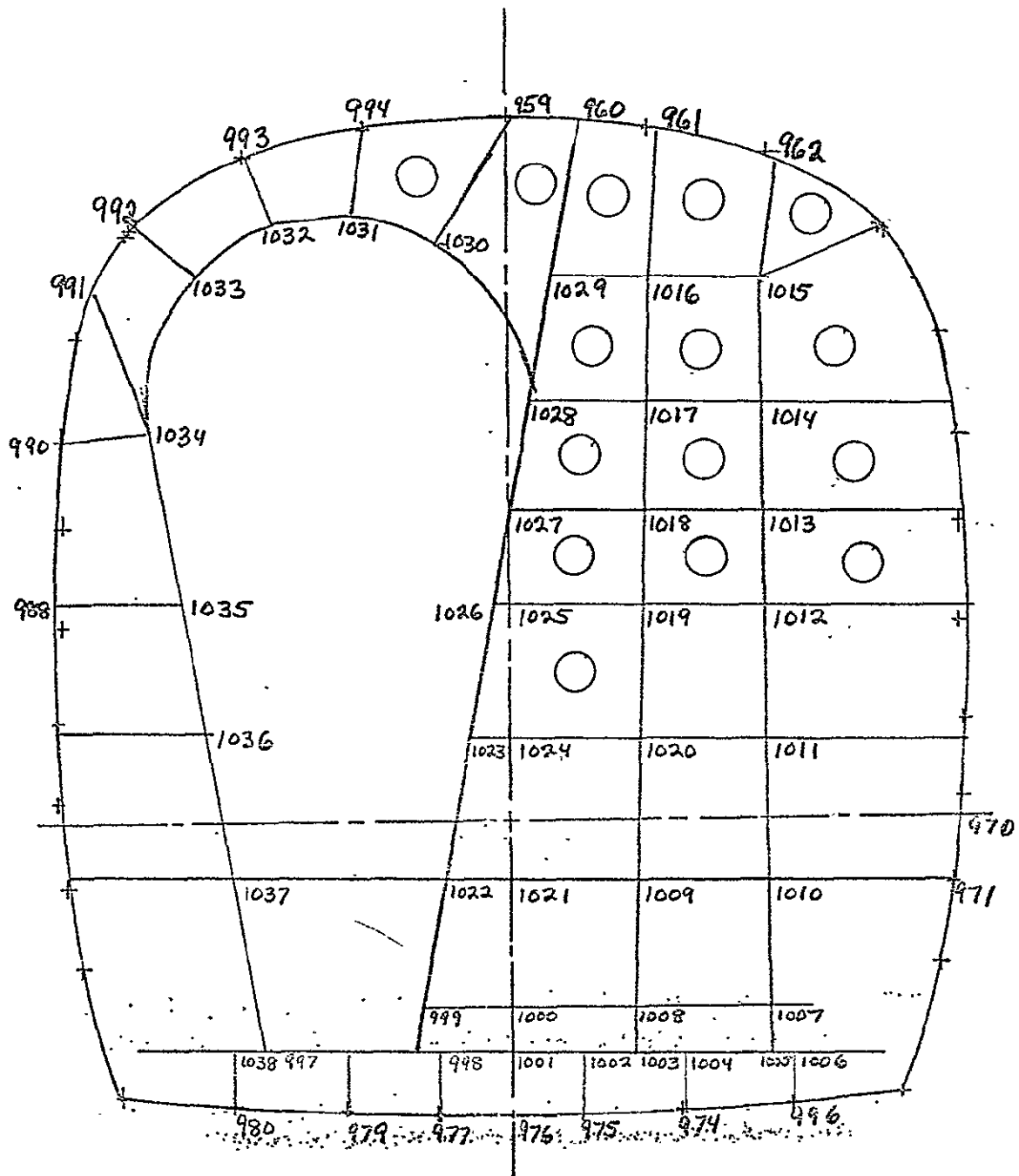


N	M	L	K	J	I	H	G	F	D	C	B	A	
1681	1683	1685	1687	1689	1691	1693	1695	1697	1701	1703	1705	1707	8.0
848	849	850	851	852	853	854	855	856	857	858	859	860	
1754	1756	1758	1759	1760	1761	1762	1763	1764	1765	1766	1767	1768	8.1
1755	1757	1758	1759	1760	1761	1762	1763	1764	1765	1766	1767	1768	
883	884	885	886	887	888	889	890	891	892	893	894	895	8.2
1818	1819	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	1830	
916	917	918	919	920	921	922	923	924	925	926	927	928	8.2
1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	
1877	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	8.3
947	948	949	950	951	952	953	954	955	956	957	958	959	
1936	1938	1940	1942	1944	1946	1948	1950	1952	1954	1956	1958	1960	9.0
1939	1941	1943	1945	1947	1949	1951	1953	1955	1957	1959	1961	1963	
982	983	984	985	986	987	988	989	990	991	992	993	994	
2104	2106	2108	2110	2112	2114	2116	2118	2120	2122	2124	2126	2128	9.1
2103	2105	2107	2109	2111	2113	2115	2117	2119	2121	2123	2125	2127	
1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	
2178	2180	2182	2184	2186	2188	2190	2192	2194	2196	2198	2200	2202	9.2
2179	2181	2183	2185	2187	2189	2191	2193	2195	2197	2199	2201	2203	
1098	1100	1102	1104	1106	1108	1110	1112	1114	1116	1118	1120	1122	
2252	2254	2256	2258	2260	2262	2264	2266	2268	2270	2272	2274	2276	
2251	2253	2255	2257	2259	2261	2263	2265	2267	2269	2271	2273	2275	10.0
1136	1138	1140	1142	1144	1146	1148	1150	1152	1154	1156	1158	1160	
2322	2324	2326	2328	2330	2332	2334	2336	2338	2340	2342	2344	2346	
2323	2325	2327	2329	2331	2333	2335	2337	2339	2341	2343	2345	2347	10.1
1179	1181	1183	1185	1187	1189	1191	1193	1195	1197	1199	1201	1203	
2394	2396	2398	2400	2402	2404	2406	2408	2410	2412	2414	2416	2418	
2393	2395	2397	2399	2401	2403	2405	2407	2409	2411	2413	2415	2417	10.2
1216	1217	1218	1219	1220	1221	1222	1223	1224	1225	1226	1227	1228	
2464	2466	2468	2470	2472	2474	2476	2478	2480	2482	2484	2486	2488	
2463	2465	2467	2469	2471	2473	2475	2477	2479	2481	2483	2485	2487	11.0
1250	1251	1252	1253	1254	1255	1256	1257	1258	1259	1260	1261	1262	

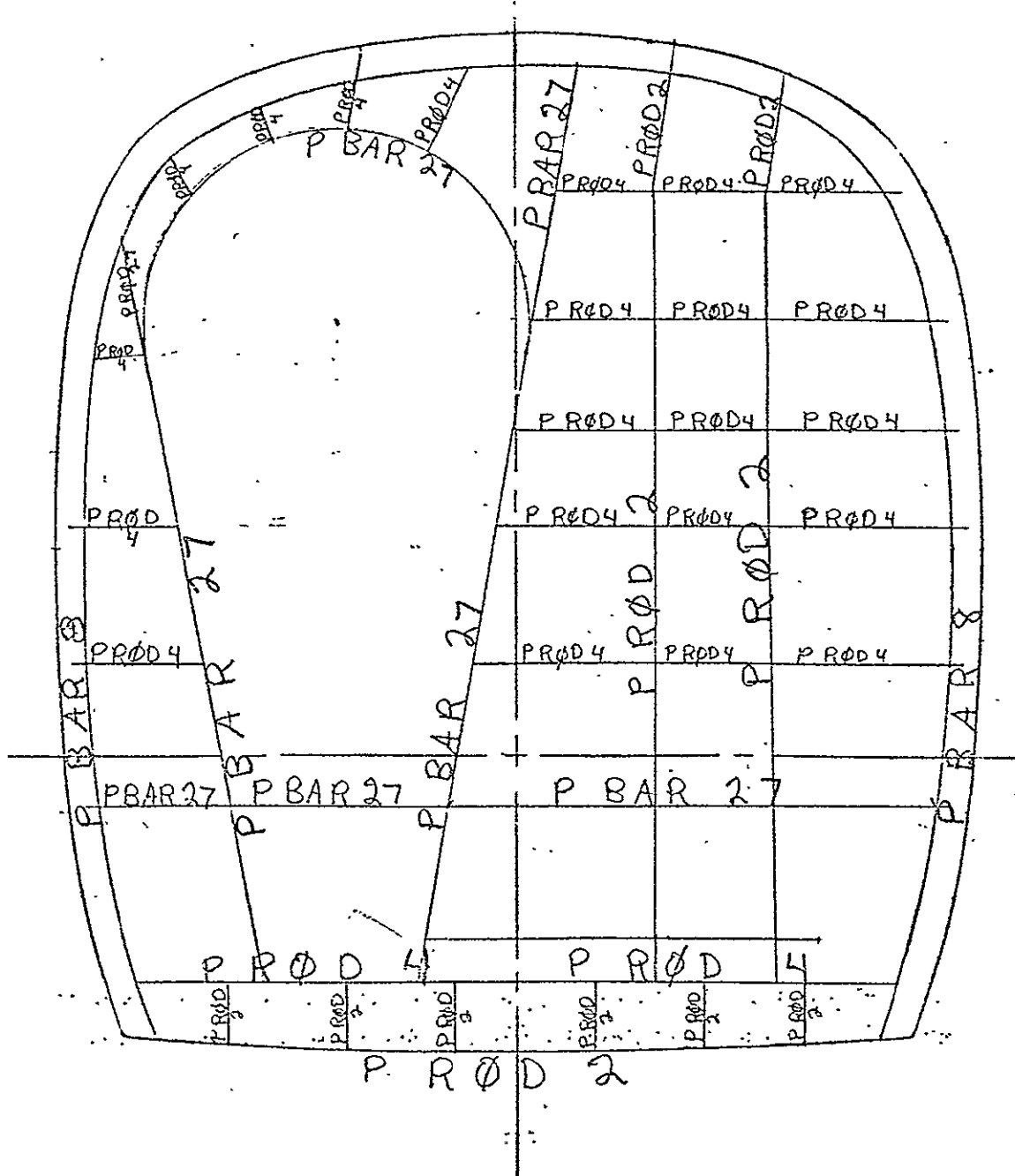
ORIGINAL PAGE IS
OF POOR QUALITY

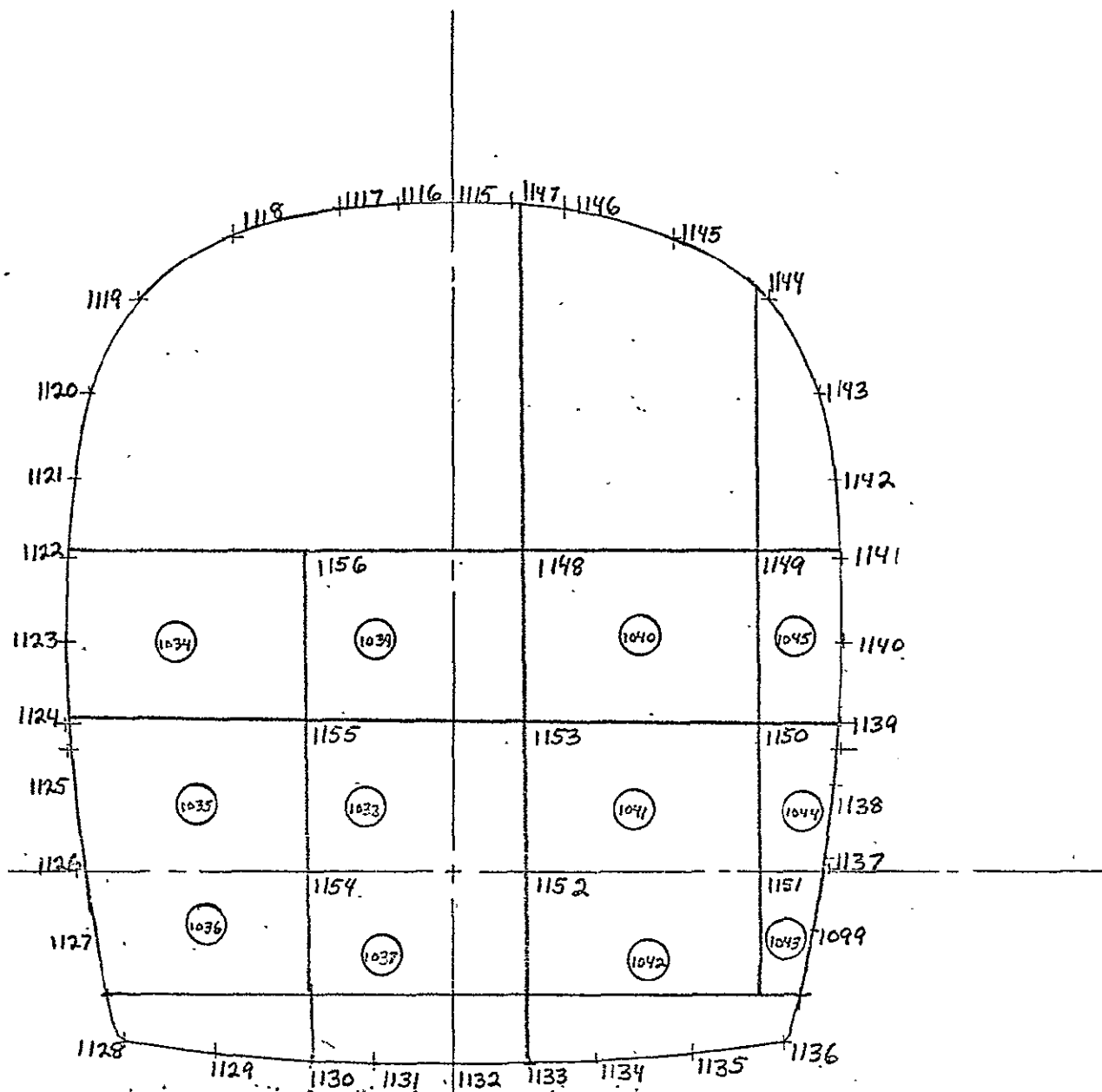






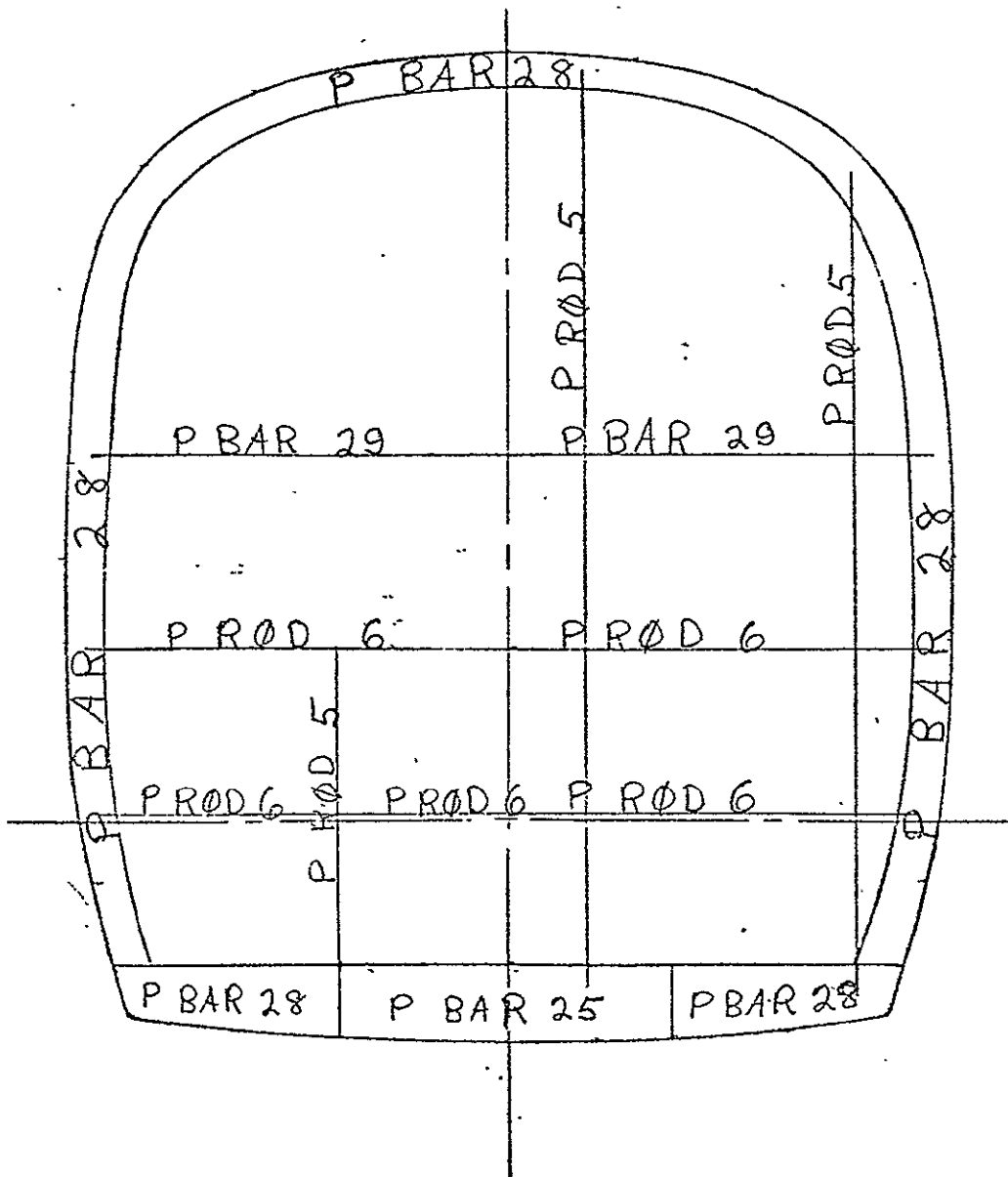
BLKD 9

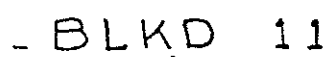


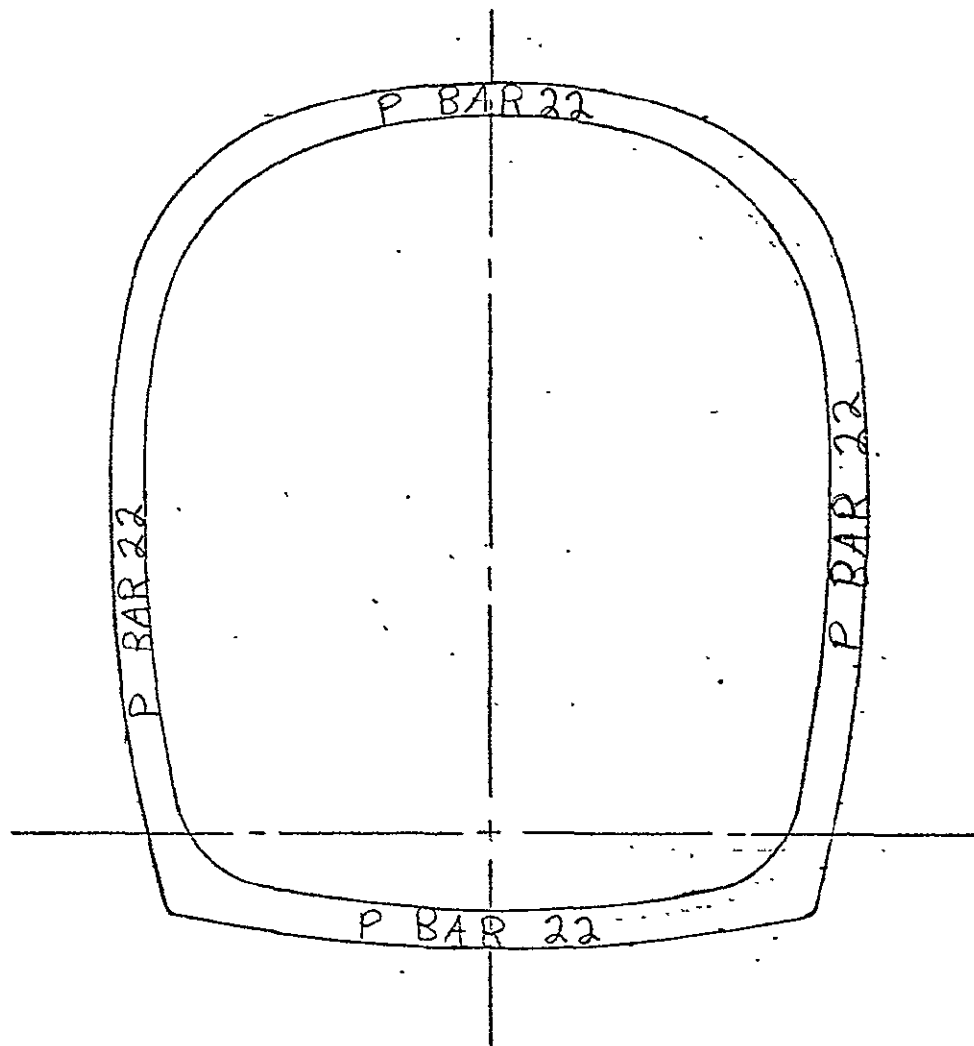


ORIGINAL PAGE IS
OF POOR QUALITY

BLKD 10







GF	D	C	B	A	B	C	D	FG
2481	2483	2485	2487	2489	2491	2493	2495	2497
1259	1260	1261	1262	1263	1264	1265	1266	1267
2548	2550	2552	2554	2556	2558	2560	2562	2564
2549	2551	2553	2555	2557	2559	2561	2563	2565
1273	1274	1275	1276	1277	1278	1279	1280	1281
2616	2618	2620	2622	2624	2626	2628	2630	2632
2617	2619	2621	2623	2625	2627	2629	2631	2633
1328	1329	1330	1331	1332	1333	1334	1335	1336
2686	2690	2692	2694	2696	2698	2700	2702	2704
2687	2689	2691	2693	2695	2697	2699	2701	2703
1360	1361	1362	1363	1364	1365	1366	1367	1368
2752	2754	2756	2758	2760	2762	2764	2766	2768
2751	2753	2755	2757	2759	2761	2763	2765	2767
1392	1393	1394	1395	1396	1397	1398	1399	1400
2804	2806	2808	2810	2812	2814	2816	2818	2820
2803	2805	2807	2809	2811	2813	2815	2817	2819
1418	1419	1420	1421	1422	1423	1424	1425	1426
2856	2858	2860	2862	2864	2866	2868	2870	2872
2855	2857	2859	2861	2863	2865	2867	2869	2871
1444	1445	1446	1447	1448	1449	1450	1451	1452
2906	2910	2912	2914	2916	2918	2920	2922	2924
2907	2909	2911	2913	2915	2917	2919	2921	2923
1470	1471	1472	1473	1474	1475	1476	1477	1478
2960	2962	2964	2966	2968	2970	2972	2974	2976
2959	2961	2963	2965	2967	2969	2971	2973	2975
1495	1496	1497	1498	1499	1500	1501	1502	1503
1512								
1526								
1540								
1553								
1564								
1574								
1584								
1594								

11.0

11.1

11.2

11.3

12.0

12.1

12.2

12.3

13.0

13.1

13.2

13.3

14.0

14.1

14.2

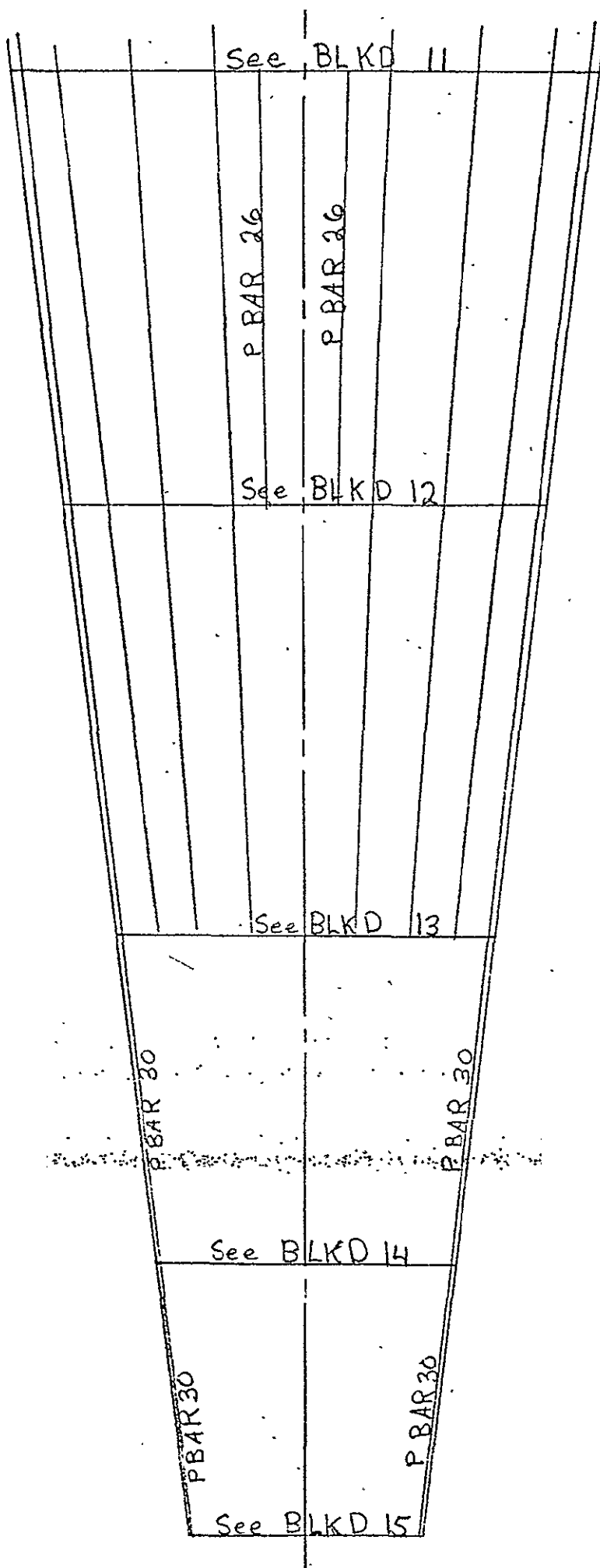
14.3

15.0

ORIGINAL PAGE IS
OF POOR QUALITY

15.0

ORIGINAL PAGE IS
OF POOR QUALITY



11.0

12.0

13.0

14.0

15.0

ABC D F G H I J K M NO

1232	1233	1234	1235	1236	1237	1238	1239	1240	1241	1242
2494	2496	2498	2500	2502	2504	2506	2508	2510	2512	2514
2495	2497	2499	2501	2503	2505	2507	2509	2511	2513	
1266	1267	1268	1269	1270	1271	1272	1273	1274	1275	1276
2562	2564	2566	2568	2570	2572	2574	2576	2578	2580	
2563	2565	2567	2569	2571	2573	2575	2577	2579	2581	
1300	1301	1302	1303	1304	1305	1306	1307	1308	1309	1310
2634	2636	2638	2640	2642	2644	2646	2648	2650	2652	
2635	2637	2639	2641	2643	2645	2647	2649	2651		
1334	1335	1336	1337	1338	1339	1340	1341	1342	1343	
2702	2704	2706	2708	2710	2712	2714	2716	2718		
2701	2703	2705	2707	2709	2711	2713	2715	2717		
1367	1368	1369	1370	1371	1372	1373	1374	1375	1376	
2762	2764	2766	2768	2770	2772	2774				
2761	2763	2765	2767	2769	2771	2773				
1397	1398	1399	1400	1401	1402	1403				
2814	2816	2818	2820	2822	2824	2826				
2813	2815	2817	2819	2821	2823	2825				
1423	1424	1425	1426	1427	1428	1429	1430			
2866	2868	2870	2872	2874	2876	2878				
2865	2867	2869	2871	2873	2875	2877				
1447	1450	1451	1452	1453	1454	1455	1456			
2918	2920	2922	2924	2926	2928	2930				
2917	2919	2921	2923	2925	2927	2929				
1475	1476	1477	1478	1479	1480	1481	1482			
2966	2968	2970	2972	2974						
2965	2967	2969	2971	2973						
1499	1500	1501	1502	1503	1504					
2992	2994	2996	2998	3000						
2991	2993	2995	2997	2999						
1513	1514	1515	1516	1517	1518					
3018	3020	3022	3024	3026						
3017	3019	3021	3023	3025						
1527	1528	1529	1530	1531	1532					
3044	3046	3048	3050	3052						
3043	3045	3047	3049	3051						
1542	1543	1544	1545	1546	1547					
3070	3072	3074								
3069	3071	3073								
1556	1557	1558	1559							
3088	3090	3092								
3087	3089	3091								
1541	1566	1567	1568							
3106	3108	3110								
3105	3107	3109								
1575	1576	1577	1578							
3124	3126	3128								
3123	3125	3127								
1585	1586	1587	1588							

14

11.0

11.1

11.2

11.3

12.0

12.1

12.2

12.3

13.0

13.1

13.2

13.3

14.0

14.1

14.2

14.3

15.0

A	B	C	D	F	G	H	I	J	K	M	No
1232	1233	1234	1235	1236	1237	1238	1239	1240	1241	1242	
(1148)	(1149)	(1150)	(1151)	(1152)	(1153)	(1154)	(1155)	(1156)	(1157)		
1246	1267	1268	1269	1270	1271	1272	1273	1274	1275	1276	
(1182)	(1183)	(1184)	(1185)	(1186)	(1187)	(1188)	(1189)	(1190)	(1191)		
1300	1301	1302	1303	1304	1305	1306	1307	1308	1309	1310	
(1216)	(1217)	(1220)	(1221)	(1222)	(1223)	(1224)	(1225)	(1226)			
1334	1335	1336	1337	1338	1339	1340	1341	1342	1343		
(1252)	(1253)	(1254)	(1255)	(1256)	(1257)	(1258)	(1259)	(1260)			
1367	1368	1369	1370	1371	1372	1373	1374	1375	1376		
(1282)	(1284)	(1285)	(1286)	(1287)	(1288)	(1289)					
1397	1398	1399	1400	1401	1402	1403					
(1304)	(1310)	(1311)	(1312)	(1313)	(1314)	(1315)					
1423	1424	1425	1426	1427	1428	1429	1430				
(1335)	(1336)	(1337)	(1338)	(1339)	(1340)	(1341)					
1449	1450	1451	1452	1453	1454	1455	1456				
(1361)	(1362)	(1363)	(1364)	(1365)	(1366)	(1367)					
1475	1476	1477	1478	1479	1480	1481	1482				
(1413)	(1414)	(1415)	(1416)	(1417)	(1418)	(1419)					
1499	1500	1501	1502	1503	1504						
(1436)	(1437)	(1438)	(1439)	(1440)	(1441)						
1513	1514	1515	1516	1517	1518						
(1457)	(1458)	(1459)	(1460)	(1461)	(1462)						
1527	1528	1529	1530	1531	1532						
(1479)	(1480)	(1481)	(1482)	(1483)	(1484)						
1542	1543	1544	1545	1546	1547						
(1491)	(1492)	(1493)	(1494)	(1495)	(1496)						
1556	1557	1558	1559								
(1439)	(1440)	(1441)	(1442)								
1561	1566	1567	1568								
(1447)	(1448)	(1449)	(1450)								
1575	1576	1577	1578								
(1455)	(1456)	(1457)	(1458)								
1585	1586	1587	1588								

ORIGINAL PAGE IS
OF POOR QUALITY

14
11.0
11.1
11.2
11.3
12.0
12.1
12.2
12.3
13.0
13.1
13.2
13.3
14.0
14.1
14.2
14.3
15.0

11.0

See BLKD 11.

12.0

See BLKD 12.

13.0

See BLKD 13.

14.0

See BLKD 14.

15.0

See BLKD 15.

ORIGINAL PAGE IS
OF POOR QUALITY

P BAR 32

P BAR 32

P BAR 32

P BAR 32

P BAR 4

P BAR 4

P BAR 4

P BAR 30

K M N O P Q R Q P O N M K

2447	2449	2451	2453	2455	2457	2459	2461	2463
1242	1243	1244	1245	1246	1247	1248	1249	1250
2514	2516	2518	2520	2522	2524	2526	2528	2530
2515	2517	2519	2521	2523	2525	2527	2529	2531
1276	1277	1278	1279	1280	1281	1282	1283	1284
2582	2584	2586	2588	2590	2592	2594	2596	
2583	2585	2587	2589	2591	2593	2595	2597	
1310	1311	1312	1314	1315	1316	1317	1318	1319
2654	2656	2658	2660	2662	2664	2666	2668	2670
2653	2655	2657	2659	2661	2663	2665	2667	2669
1343	1344	1345	1346	1347	1348	1349	1350	1351
2720	2722	2724	2726	2728	2730	2732	2734	2736
2719	2721	2723	2725	2727	2729	2731	2733	2735
1376	1377	1378	1379	1380	1381	1382	1383	1384
2776	2778	2780	2782	2784	2786	2788	2790	2792
2775	2777	2779	2781	2783	2785	2787	2789	2791
1404	1405	1406	1407	1408	1409	1410	1411	1412
2828	2830	2832	2834	2836	2838	2840	2842	2844
2827	2829	2831	2833	2835	2837	2839	2841	2843
1430	1431	1432	1433	1434	1435	1436	1437	1438
2880	2882	2884	2886	2888	2890	2892	2894	2896
2879	2881	2883	2885	2887	2889	2891	2893	2895
1456	1457	1458	1459	1460	1461	1462	1463	1464
2932	2934	2936	2938	2940	2942	2944	2946	
2931	2933	2935	2937	2939	2941	2943	2945	
1482	1483	1484	1485	1486	1487	1488	1489	1490
2976	2978					2980		
2975						2977	2979	
1504	1505				1506		1507	
3002	3004					3006		
3001						3003	3005	
1522	1519				1520		1521	
3028	3030					3032		
3027						3029	3031	
1532	1533				1534		1535	
3054	3056					3058		
3053					3055		3057	
1547	1548				1549		1550	
3076	3078					3080		
3075					3077	3079		
1559	1560				1561		1564	
3094	3096					3098		
3093					3095	3097		
1568	1569				1570		1571	
3112	3114					3116		
3111					3113	3115		
1578	1579				1580		1581	
3130	3132					3134		
3131					3133		3135	
1588	1589				1590		1591	

11.0
11.1
11.2
11.3
12.0
12.1
12.2
12.3
13.0
13.1
13.2
13.3
14.1
14.1
14.2
14.2
15.0

1242	1243	1244	1245	1246	1247	1248	1249	1250
(1158)	(1159)	(1160)	(1161)	(1162)	(1163)	(1164)	(1165)	(1166)
1276	1277	1278	1279	1280	1281	1282	1283	1284
(1192)	(1193)	(1194)	(1195)	(1196)	(1197)	(1198)	(1199)	(1200)
1310	1311	1312	1314	1315	1316	1317	1318	1319
(1228)	(1229)	(1230)	(1231)	(1232)	(1233)	(1234)	(1235)	(1236)
1343	1344	1345	1346	1347	1348	1349	1350	1351
(1261)	(1262)	(1263)	(1264)	(1265)	(1266)	(1267)	(1268)	(1269)
1376	1377	1378	1379	1380	1381	1382	1383	1384
(1290)	(1291)	(1292)	(1293)	(1294)	(1295)	(1296)	(1297)	(1298)
1404	1405	1406	1407	1408	1409	1410	1411	1412
(1316)	(1317)	(1318)	(1319)	(1320)	(1321)	(1322)	(1323)	(1324)
1436	1437	1438	1439	1440	1441	1442	1443	1444
(1342)	(1343)	(1344)	(1345)	(1346)	(1347)	(1348)	(1349)	(1350)
1456	1457	1458	1459	1460	1461	1462	1463	1464
(1368)	(1369)	(1370)	(1371)	(1372)	(1373)	(1374)	(1375)	(1376)
1482	1483	1484	1485	1486	1487	1488	1489	1490
(1388)				(1310)				
1504	1505			1506		1507		
(1503)				(1401)				
1513	1519			1520		1521		
(1520)				(1413)				
1532	1533			1524		1535		
(1424)				(1425)				
1547	1548			1549		1550		
(1434)				(1435)				
1559	1560			1561		1569		
(1442)				(1443)				
1568	1569			1570		1571		
(1450)				(1451)				
1578	1579			1580		1581		
(1458)				(1459)				
1588	1589			1590		1591		

ORIGINAL PAGE IS
OF POOR QUALITY

11.0

11.1

11.2

11.3

12.0

12.1

12.2

12.3

13.0

13.1

13.2

13.3

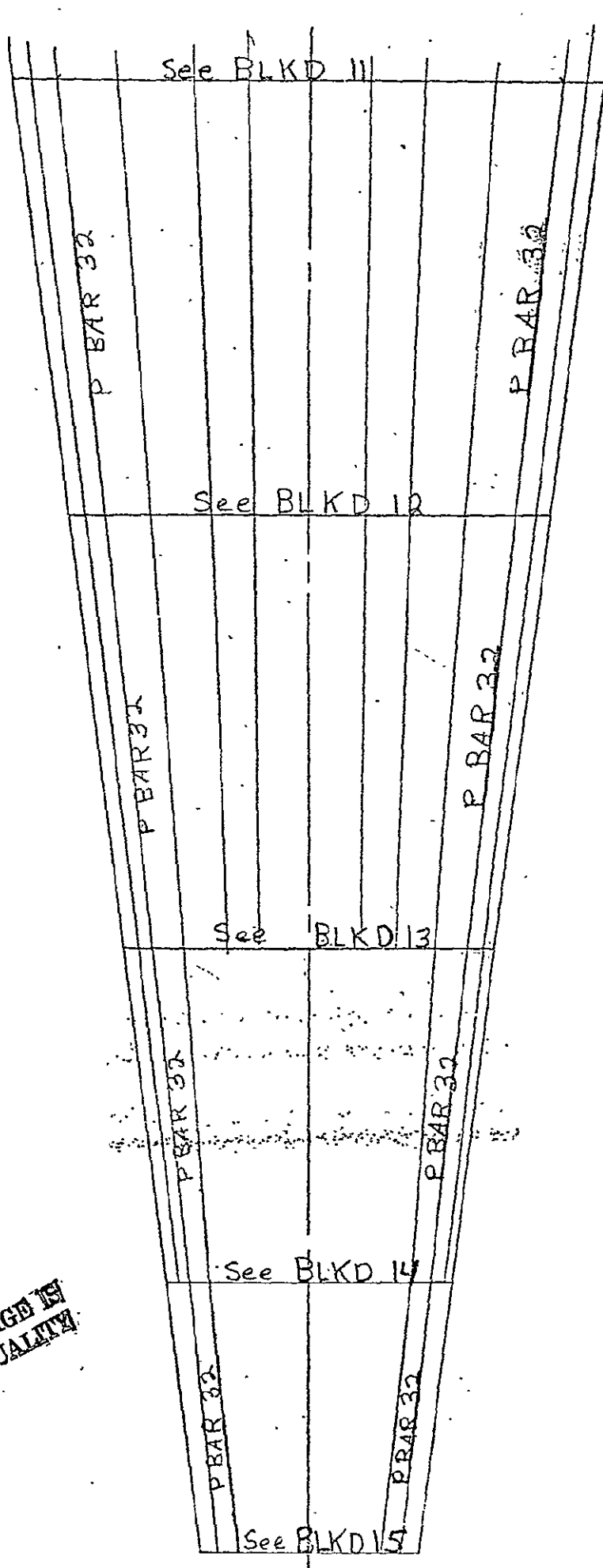
14.0

14.1

14.2

14.3

15.0



See BLKD 11

P BAR 32

P BAR 32

See BLKD 12

P BAR 32

P BAR 32

See BLKD 13

P BAR 32

P BAR 32

See BLKD 14

P BAR 32

P BAR 32

See BLKD 15

15
11.0
12.0
13.0
14.0
15.0

ORIGINAL PAGE 15
OF POOR QUALITY

ON M K J I H G F D C BA

2463	2465	2467	2469	2471	2473	2475	2477	2479	2481	2483
1250	1251	1252	1253	1254	1255	1256	1257	1258	1259	1260
2530	2532	2534	2536	2538	2540	2542	2544	2546	2548	2550
2531	2533	2535	2537	2539	2541	2543	2545	2547	2549	2551
1284	1285	1286	1287	1288	1289	1290	1291	1292	1293	1294
2598	2600	2602	2604	2606	2608	2610	2612	2614	2616	2618
2599	2601	2603	2605	2607	2609	2611	2613	2615	2617	2619
1319	1320	1321	1322	1323	1324	1325	1326	1327	1328	1329
2672	2674	2676	2678	2680	2682	2684	2686	2688	2690	
2671	2673	2675	2677	2679	2681	2683	2685	2687	2689	
1351	1353	1354	1355	1356	1357	1358	1359	1360	1361	
2736	2738	2740	2742	2744	2746	2748	2750	2752	2754	
2735	2737	2739	2741	2743	2745	2747	2749	2751	2753	
1384	1385	1386	1387	1388	1389	1390	1391	1392	1393	
2792	2794	2796	2798	2800	2802	2804	2806	2808	2810	
2791	2793	2795	2797	2799	2801	2803	2805	2807	2809	
1412	1413	1414	1415	1416	1417	1418	1419	1420	1421	
2844	2846	2848	2850	2852	2854	2856	2858	2860	2862	
2843	2845	2847	2849	2851	2853	2855	2857	2859	2861	
1438	1439	1440	1441	1442	1443	1444	1445	1446	1447	
2896	2898	2900	2902	2904	2906	2908	2910	2912	2914	
2895	2897	2899	2901	2903	2905	2907	2909	2911	2913	
1464	1465	1466	1467	1468	1469	1470	1471	1472	1473	
2948	2950	2952	2954	2956	2958	2960	2962	2964	2966	
2947	2949	2951	2953	2955	2957	2959	2961	2963	2965	
1490	1491	1492	1493	1494	1495	1496	1497	1498	1499	
2982	2984	2986	2988	2989	2990					
2979	2981	2983	2985	2987						
1507	1508	1509	1510	1511	1512					
3008	3010	3012	3014	3015	3016					
3005	3007	3009	3011	3013						
1531	1532	1533	1534	1535	1536					
3034	3036	3038	3040	3041	3042					
3031	3033	3035	3037	3039						
1535	1536	1537	1538	1539	1540					
3060	3062	3064	3066	3067	3068					
3057	3059	3061	3063	3065						
1550	1551	1552	1553	1554	1555					
3082	3084	3085	3086							
3079	3081	3083								
1569	1562	1563	1564							
3100	3102	3103	3104							
3097	3099	3101								
1571	1572	1573	1574							
3118	3120	3121	3122							
3115	3117	3119								
1581	1582	1583	1584							
3136	3138	3139	3140							
3133	3135	3137								
1591	1592	1593	1594							

ORIGINAL PAGE IS
OF POOR QUALITY

11.0

11.1

11.2

11.3

12.0

12.1

12.2

12.3

13.0

13.1

13.2

13.3

14.0

14.1

14.2

14.3

15.0

ON M K J I H G F D C B A

1250	1251	1252	1253	1254	1255	1256	1257	1258	1259	1260
(1166)		(1168)	(1169)	(1170)	(1171)	(1172)	(1173)	(1174)	(1175)	(1176)
1284	1285	1286	1287	1288	1289	1290	1291	1292	1293	1294
(1200)										
	(1201)	(1202)	(1203)	(1204)	(1205)	(1206)	(1207)	(1208)	(1209)	(1210)
1319	1320	1321	1322	1323	1324	1325	1326	1327	1328	1329
(1236)										
	(1237)	(1238)	(1239)	(1240)	(1241)	(1242)	(1243)	(1244)	(1245)	(1246)
1351	1353	1354	1355	1356	1357	1358	1359	1360	1361	
	(1269)	(1270)	(1271)	(1272)	(1273)	(1274)	(1275)	(1276)	(1277)	(1278)
1384	1385	1386	1387	1388	1389	1390	1391	1392	1393	
	(1298)	(1299)	(1300)	(1301)	(1302)	(1303)	(1304)	(1305)		
1412	1413	1414	1415	1416	1417	1418	1419			
	(1324)	(1325)	(1326)	(1327)	(1328)	(1329)	(1330)	(1331)		
1438	1439	1440	1441	1442	1443	1444	1445			
	(1350)	(1351)	(1352)	(1353)	(1354)	(1355)	(1356)	(1357)		
1464	1465	1466	1467	1468	1469	1470	1471			
	(1376)	(1377)	(1378)	(1379)	(1380)	(1381)	(1382)	(1383)		
1490	1491	1492	1493	1494	1495	1496	1497			
	(1391)	(1392)	(1393)	(1394)	(1395)					
1507	1508	1509	1510	1511	1512					
	(1402)	(1403)	(1404)	(1405)	(1406)					
1521	1522	1523	1524	1525	1526					
	(1414)	(1415)	(1416)	(1417)	(1418)					
1535	1536	1537	1538	1539	1540					
	(1426)	(1427)	(1428)	(1429)	(1430)					
1550	1551	1552	1553	1554	1555					
	(1436)	(1437)	(1438)							
1569	1570	1571	1572	1573	1574					
	(1444)	(1445)	(1446)							
1571	1572	1573	1574							
	(1452)	(1453)	(1454)							
1581	1582	1583	1584							
	(1460)	(1461)	(1462)							
1591	1592	1593	1594							

ORIGINAL PAGE IS
OF POOR QUALITY

11.0

11.1

11.2

11.3

12.0

12.1

12.2

12.3

13.0

13.1

13.2

13.3

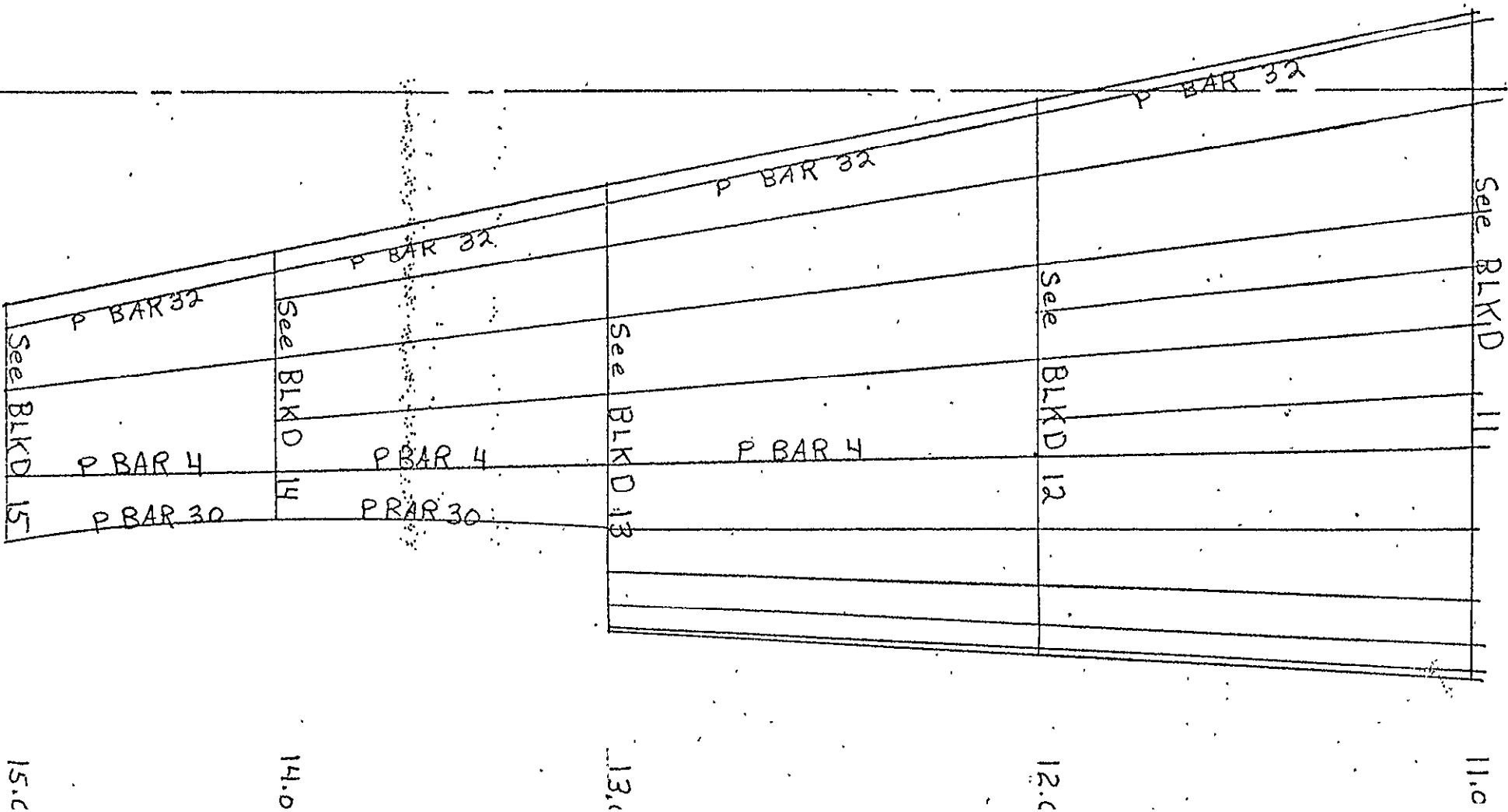
14.0

14.1

14.2

14.3

15.0



15.0

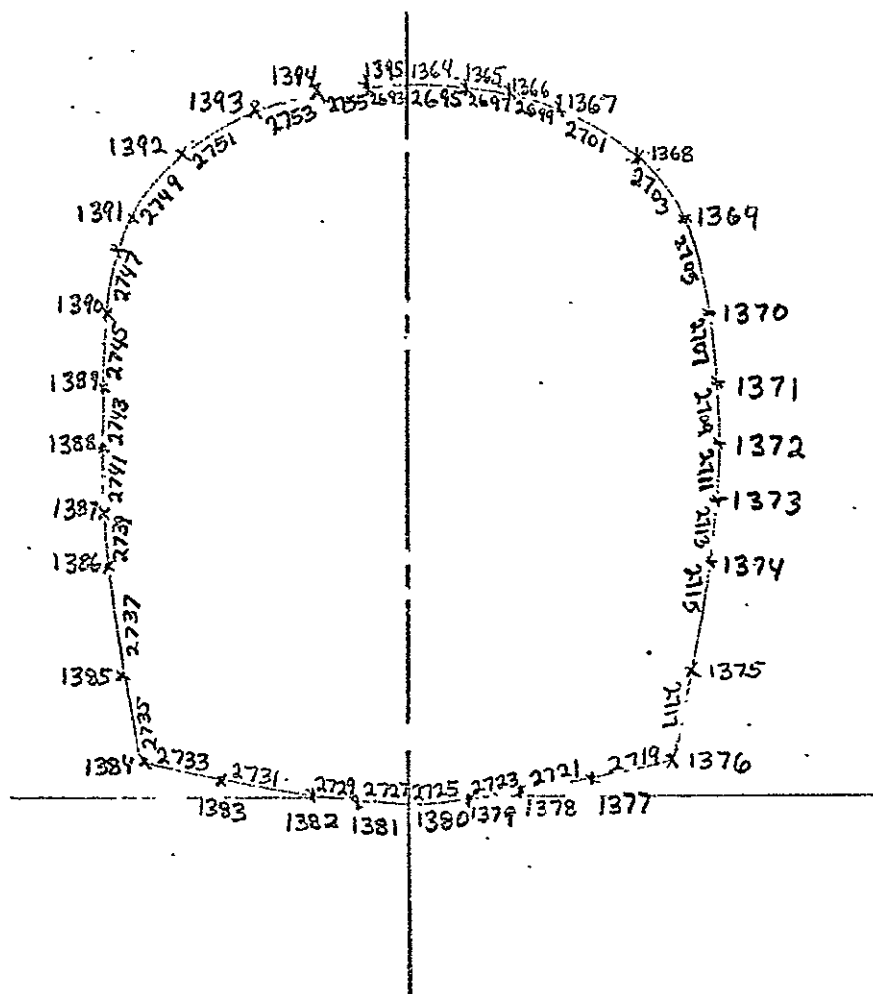
14.0

13.0

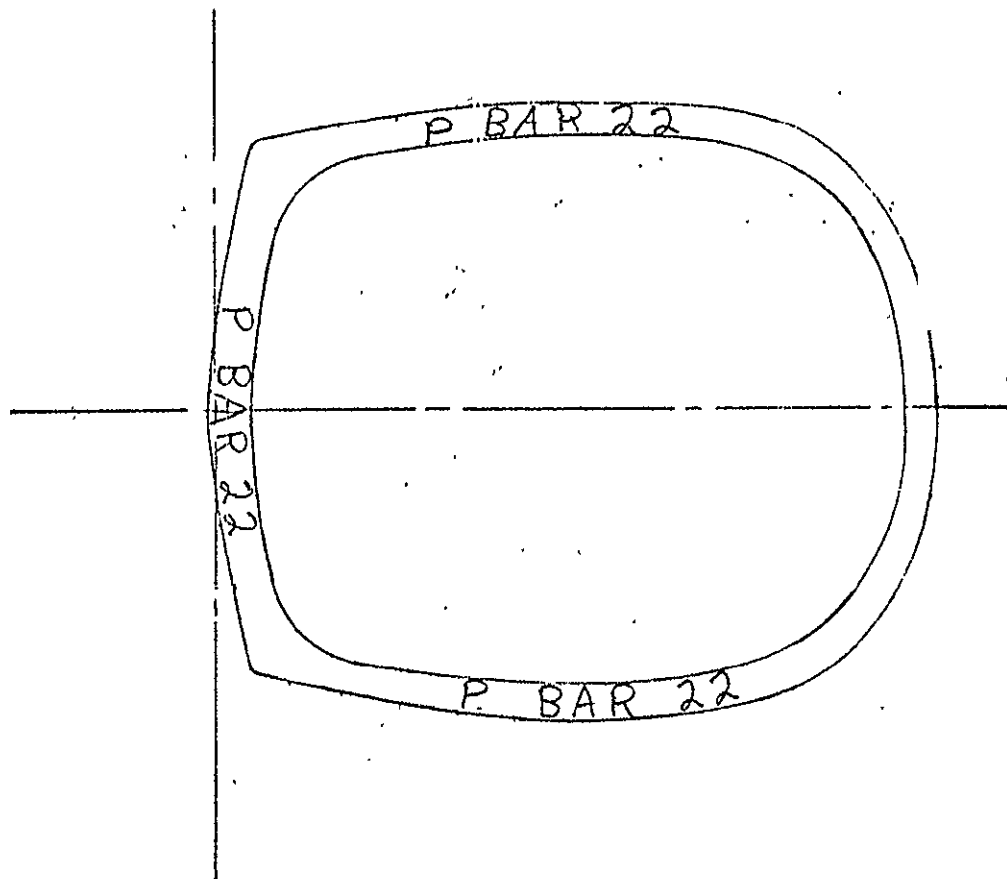
12.0

11.0

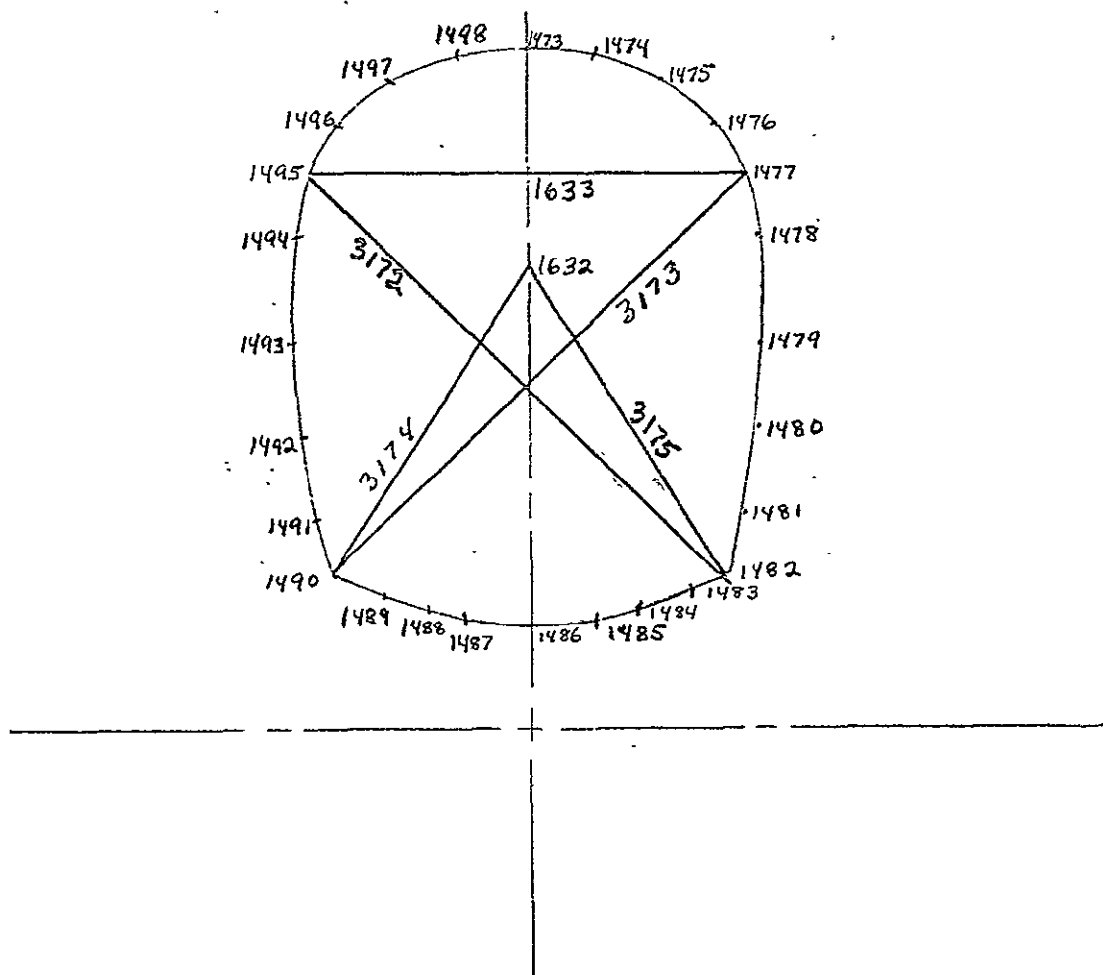
3



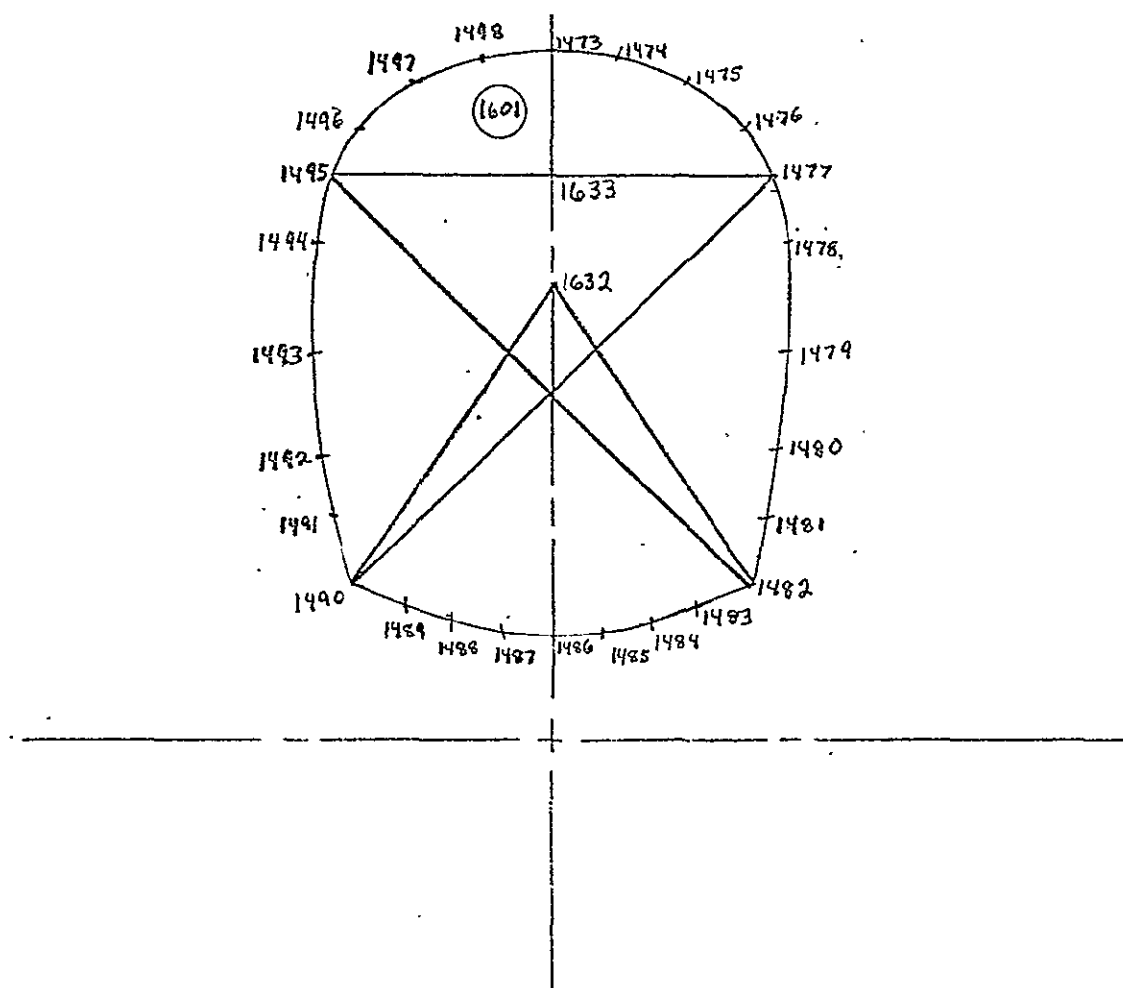
4



• BLKD #12

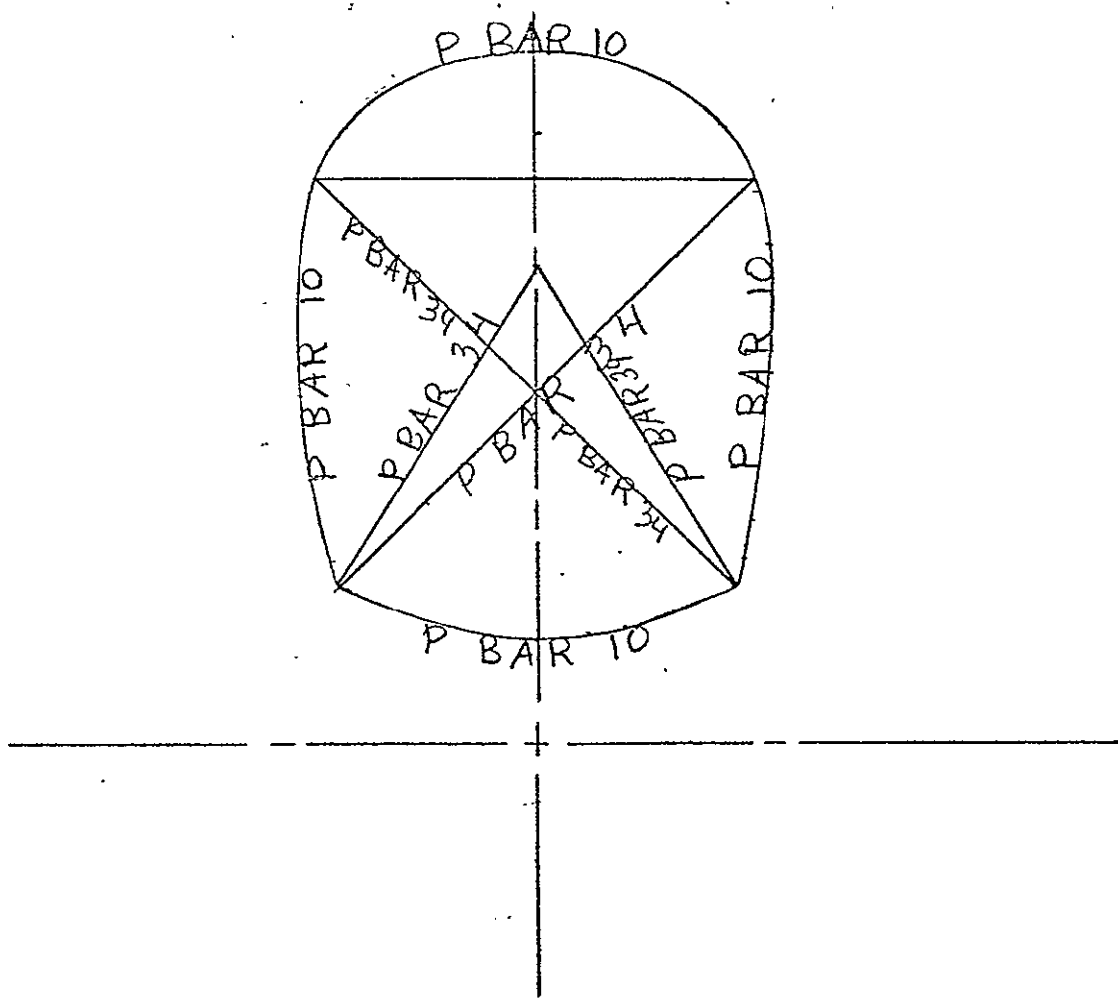


BLKD # 13

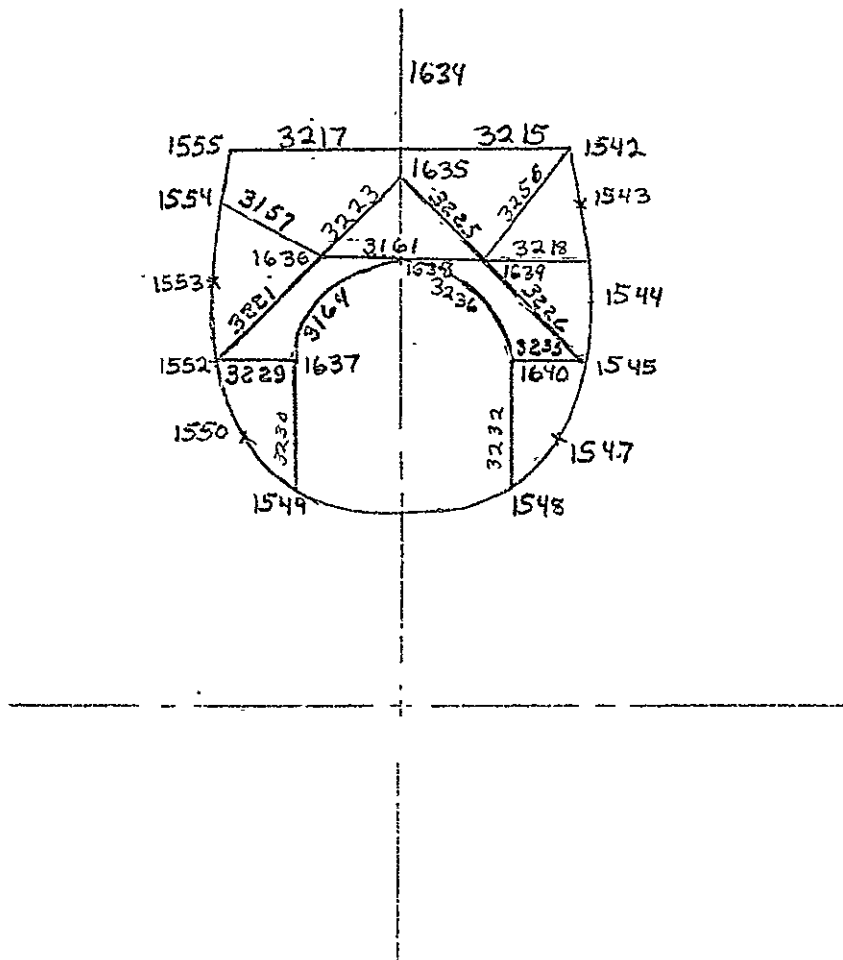


ORIGINAL PAGE IS
OF POOR QUALITY

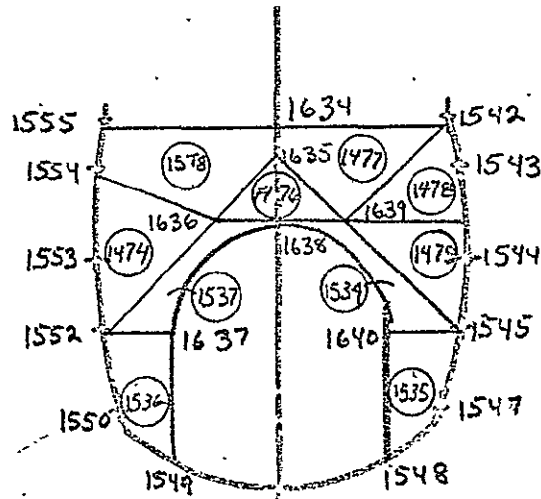
BLKD # 13



ORIGINAL PAGE IS
OF POOR QUALITY

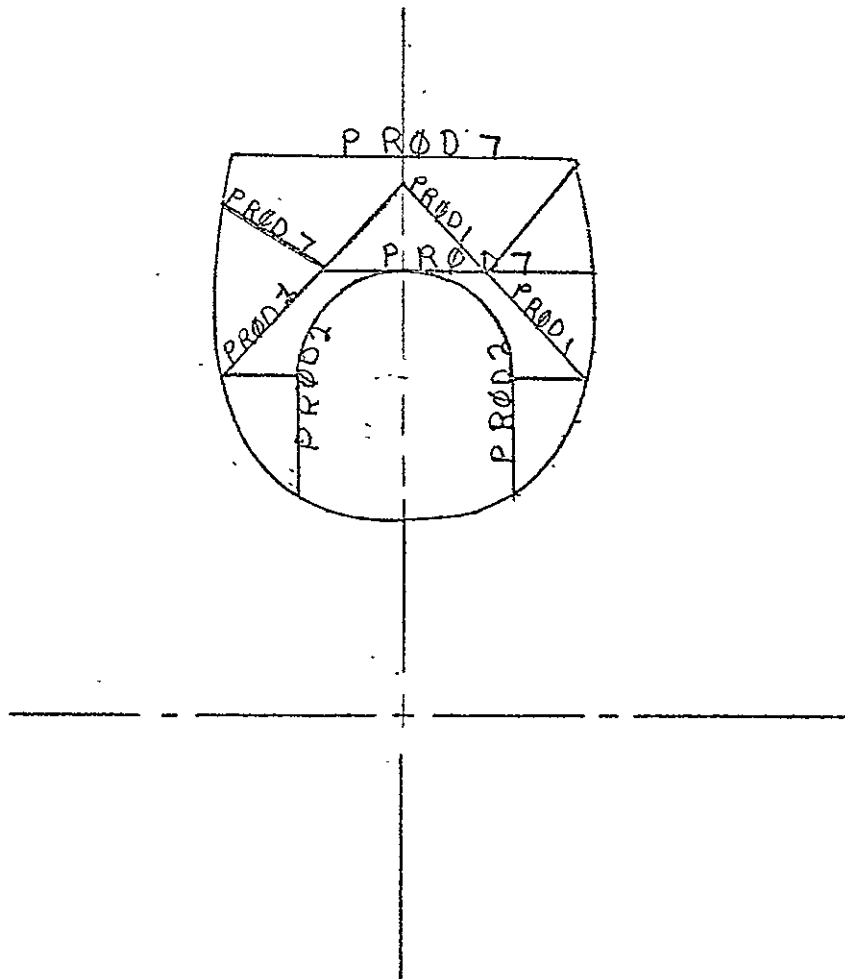


BLKD #14

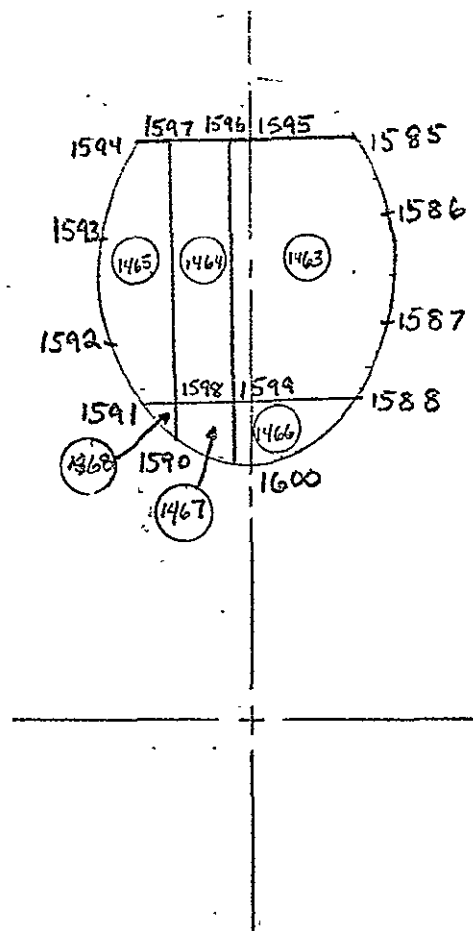


BLKD 14

ORIGINAL PAGE IS
OF POOR QUALITY



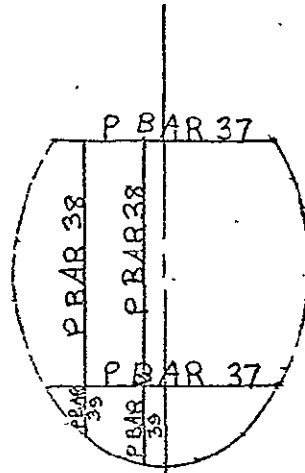
ORIGINAL PAGE IS
OF POOR QUALITY



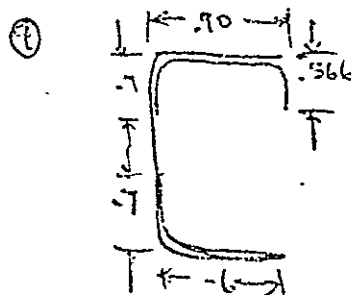
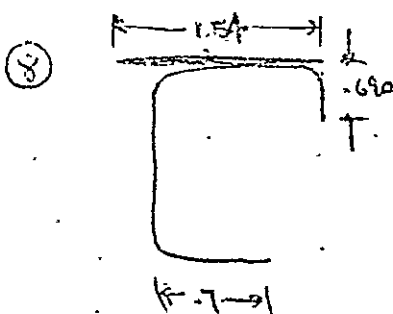
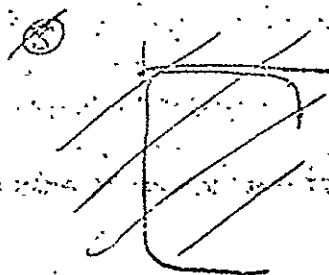
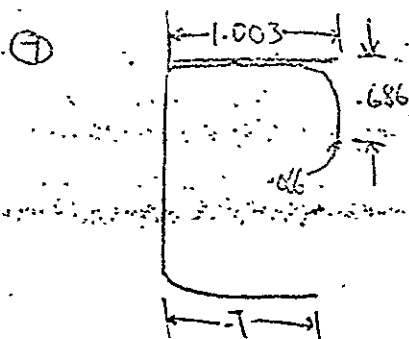
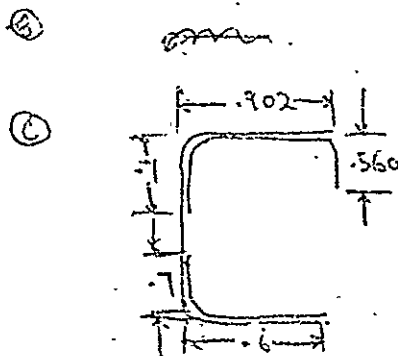
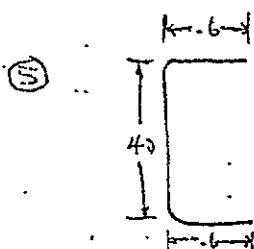
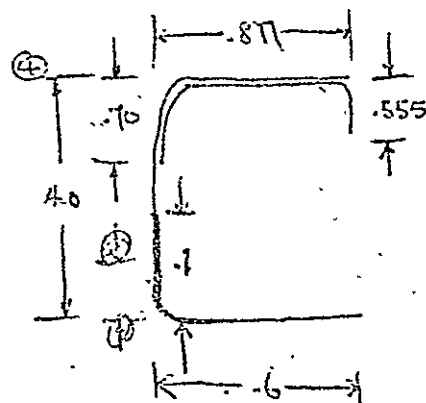
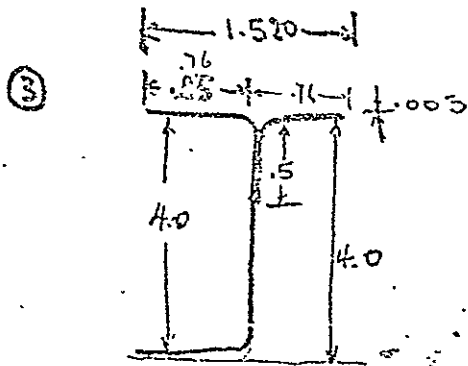
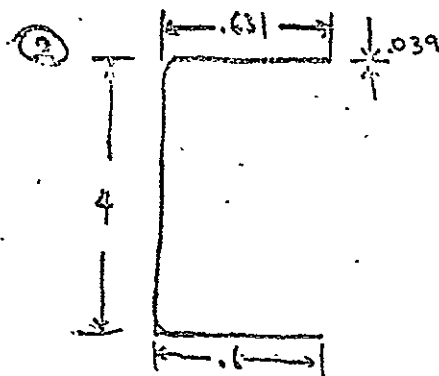
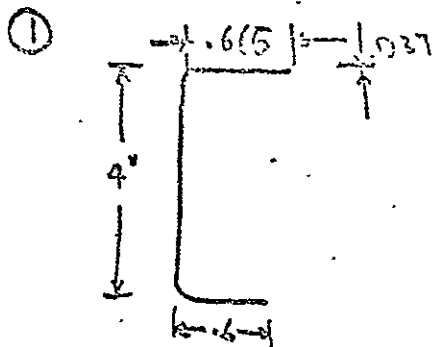
BLKD #15

B

A

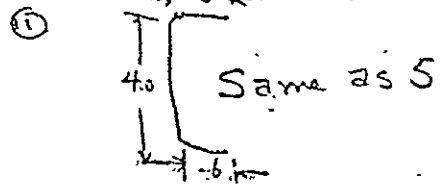


BLKD #15

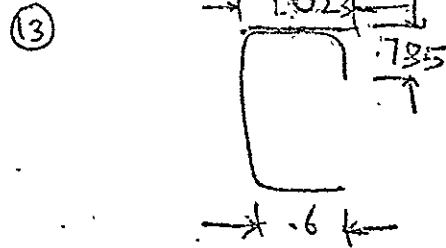


ORIGINAL PAGE 11
OF POOR QUALITY

⑩ same as # 9



⑫ same as # 11



⑭ same as # 11

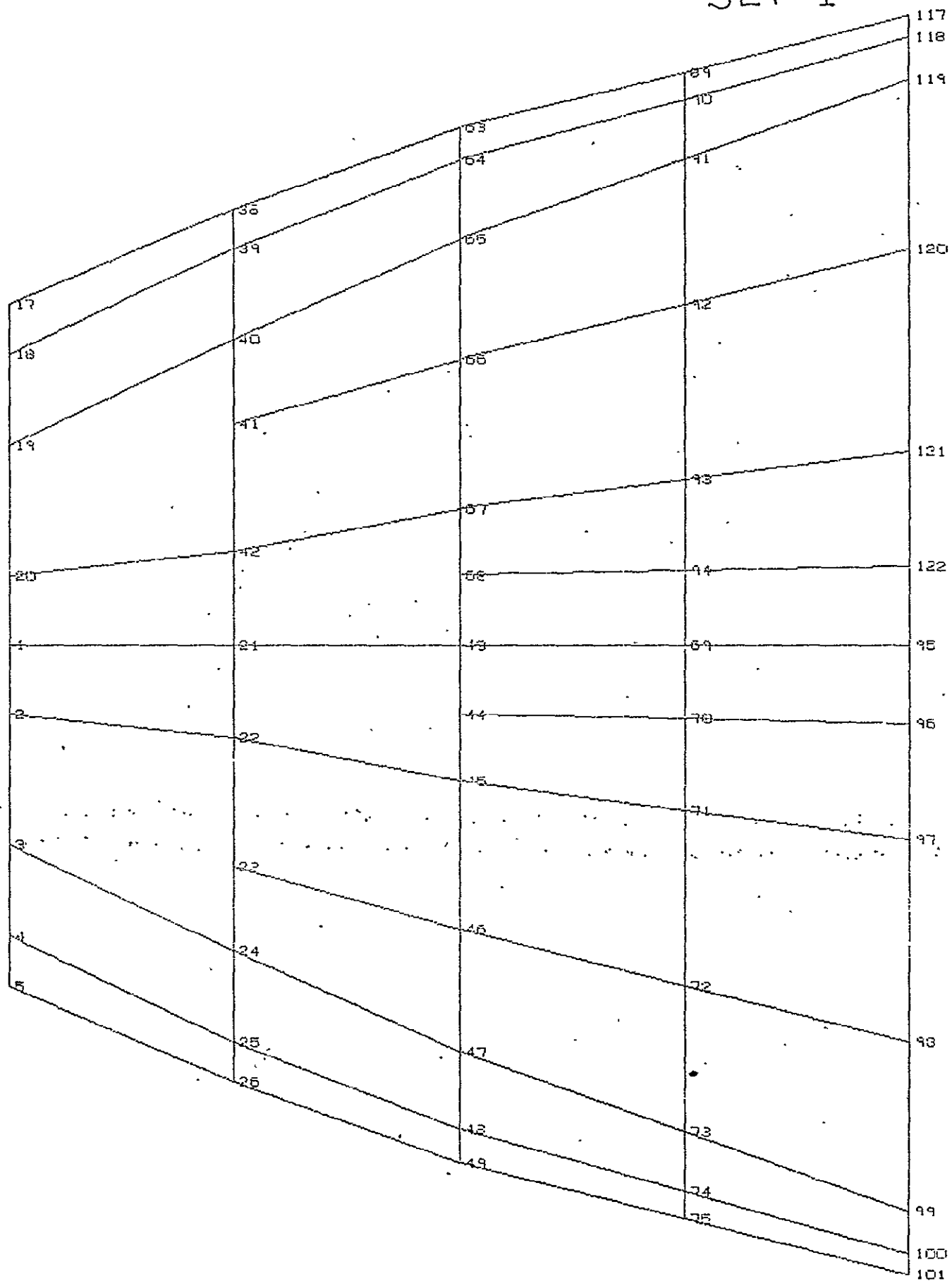
⑮ same as # 11,

⑯ same as # 9

⑰ same as # 9

ORIGINAL PAGE IS
OF POOR QUALITY

SET 1



2	5	2	B
3	8	B	R
2	6	1	R
5	3	D	D
2	5	R	D
5	5	R	D
7	1	P	D
9	9	R	D
3	5	R	D
0	1	R	D
2	0	B	R
8	8	B	R
9	9	B	R

ORIGINAL PAGE IS
OF POOR QUALITY

SET 1

		63QM	89QM
17QM	38QM	64QM	90QM
18QM	39QM	65QM	91QM
19QM	40QM	66QM	92QM
	41QM	67QM	93QM
20QM	42QM	68QM	94QM
1QM	21QM	43QM	69QM
		44QM	70QM
2QM	22QM	45QM	71QM
3QM	23QM	46QM	72QM
4QM	24QM	47QM	73QM
	25QM	48QM	74QM

1	22	45	71	97	127	150	169	207	220	243	261	279
2	23	46	72	98	128	151	170	208	221	244	262	280
3	24	47	73	99	129	152	171	209	222	245	263	281
4	25	48	74	100	130	153	172	210	223	246	264	282
5	26	49	75	101	131	154	173	211	224	247	265	283
6	27	50	76	102	132	155	174	212	225	248	266	284
7	28	51	77	103	133	156	175	213	226	249	267	285
8	29	52	78	104	134	157	176	214	227	250	268	286
9	30	53	79	105	135	158	177	215	228	251	269	287
10	31	54	80	106	136	159	178	216	229	252	270	288
		55	81	107	137	160	179	217	230	253	271	289

507

	2RD	4	8	16	32	64	128	256	512	1024	2048	4096	8192	16384	32768	65536	131072	262144	524288
1	2RD	4RD	8RD	16RD	32RD	64RD	128RD	256RD	512RD	1024RD	2048RD	4096RD	8192RD	16384RD	32768RD	65536RD	131072RD	262144RD	524288RD
2	4RD	8RD	16RD	32RD	64RD	128RD	256RD	512RD	1024RD	2048RD	4096RD	8192RD	16384RD	32768RD	65536RD	131072RD	262144RD	524288RD	1048576RD
3	6RD	12RD	24RD	48RD	96RD	192RD	384RD	768RD	1536RD	3072RD	6144RD	12288RD	24576RD	49152RD	98304RD	196608RD	393216RD	786432RD	1572864RD
4	8RD	16RD	32RD	64RD	128RD	256RD	512RD	1024RD	2048RD	4096RD	8192RD	16384RD	32768RD	65536RD	131072RD	262144RD	524288RD	1048576RD	2097152RD
5	10BR	20BR	40BR	80BR	160BR	320BR	640BR	1280BR	2560BR	5120BR	10240BR	20480BR	40960BR	81920BR	163840BR	327680BR	655360BR	1310720BR	2621440BR
6	12RU	24RU	48RU	96RU	192RU	384RU	768RU	1536RU	3072RU	6144RU	12288RU	24576RU	49152RU	98304RU	196608RU	393216RU	786432RU	1572864RU	3145728RU
7	14RD	28RD	56RD	112RD	224RD	448RD	896RD	1792RD	3584RD	7168RD	14336RD	28672RD	57344RD	114688RD	229376RD	458752RD	917504RD	1835008RD	3670016RD
8	16RD	32RD	64RD	128RD	256RD	512RD	1024RD	2048RD	4096RD	8192RD	16384RD	32768RD	65536RD	131072RD	262144RD	524288RD	1048576RD	2097152RD	4194304RD
9	18RD	36RD	72RD	144RD	288RD	576RD	1152RD	2304RD	4608RD	9216RD	18432RD	36864RD	73728RD	147456RD	294912RD	589824RD	1179648RD	2359296RD	4718592RD
10	20RD	40RD	80RD	160RD	320RD	640RD	1280RD	2560RD	5120RD	10240RD	20480RD	40960RD	81920RD	163840RD	327680RD	655360RD	1310720RD	2621440RD	5242880RD
11	22RD	44RD	88RD	176RD	352RD	704RD	1408RD	2816RD	5632RD	11264RD	22528RD	45056RD	90112RD	180224RD	360448RD	720896RD	1441792RD	2883584RD	5767168RD
12	24RD	48RD	96RD	192RD	384RD	768RD	1536RD	3072RD	6144RD	12288RD	24576RD	49152RD	98304RD	196608RD	393216RD	786432RD	1572864RD	3145728RD	6291456RD
13	26RD	52RD	104RD	208RD	416RD	832RD	1664RD	3328RD	6656RD	13312RD	26624RD	53248RD	106496RD	212992RD	425984RD	851968RD	1703936RD	3407872RD	6815744RD
14	28RD	56RD	112RD	224RD	448RD	896RD	1792RD	3584RD	7168RD	14336RD	28672RD	57344RD	114688RD	229376RD	458752RD	917504RD	1835008RD	3670016RD	7340032RD
15	30RD	60RD	120RD	240RD	480RD	960RD	1920RD	3840RD	7680RD	15360RD	30720RD	61440RD	122880RD	245760RD	491520RD	983040RD	1966080RD	3932160RD	7864320RD
16	32RD	64RD	128RD	256RD	512RD	1024RD	2048RD	4096RD	8192RD	16384RD	32768RD	65536RD	131072RD	262144RD	524288RD	1048576RD	2097152RD	4194304RD	8388608RD
17	34RD	68RD	136RD	272RD	544RD	1088RD	2176RD	4352RD	8704RD	17408RD	34816RD	69632RD	139264RD	278528RD	557056RD	1114112RD	2228224RD	4456448RD	8912896RD
18	36RD	72RD	144RD	288RD	576RD	1152RD	2304RD	4608RD	9216RD	18432RD	36864RD	73728RD	147456RD	294912RD	589824RD	1179648RD	2359296RD	4718592RD	9437184RD
19	38RD	76RD	152RD	304RD	608RD	1216RD	2432RD	4864RD	9728RD	19456RD	38912RD	77824RD	155648RD	311296RD	622592RD	1245184RD	2490368RD	4980736RD	9961472RD
20	40RD	80RD	160RD	320RD	640RD	1280RD	2560RD	5120RD	10240RD	20480RD	40960RD	81920RD	163840RD	327680RD	655360RD	1310720RD	2621440RD	5242880RD	10485760RD

542

ORIGINAL PAGE IS
OF POOR QUALITY

20M	220M	450M	710M								
30M	230M	460M	720M								
40M	240M	470M	730M	1230M	1430M	1640M	1740M	1940M	2100M	2260M	2430M
50M	250M	480M	740M	1240M	1440M	1650M	1800M	1950M	2110M	2270M	2430M
60M	260M	490M	750M	1250M	1450M	1660M	1810M	1960M	2120M	2280M	2440M
70M	270M	500M	760M	1260M	1460M	1670M	1820M	1970M	2130M	2290M	2450M
80M	280M	510M	770M	1270M	1470M	1680M	1830M	1980M	2140M	2300M	2460M
90M	290M	520M	780M	1280M	1480M	1690M	1840M	1990M	2150M	2310M	2470M
	300M	530M	790M	1290M	1490M	1700M	1850M	2000M	2160M	2320M	2480M
		540M	800M	1300M	1500M	1710M	1860M	2010M	2170M	2330M	2490M

5
4
2

SET 3

1	28	51	77	103	151	173	193	217	248	285	309
2	29	52	78	104	152	174	195	218	249	286	
3	30	53	79	105	153	175	196	219	250	287	
4	31	54	80	106	154	176	197	220	251	288	
5	32	55	81	107	155	177		221	252	289	
6	33	56	82	108	156	178		222	253	290	
7	34	57	83	109	157	179		223	254	291	
8	35	58	84	110	158	180		224	255	292	
9	36	59	85	111	159	181		225	256	293	
10	37	60	86	112	160	182		226	257	294	
11	38	61	87	113	161	183		227	258	295	
12	39	62	88	114	162	184		228	259	296	
13	40	63	89	115	163	185		229	260	297	
14	41	64	90	116	164	186		230	261	298	
15	42	65	91	117	165	187		231	262	299	
16	43	66	92	118	166	188		232	263	300	
17	44	67	93	119	167	189		233	264	301	
18	45	68	94	120	168	190		234	265	302	
19	46	69	95	121	169	191		235	266	303	
20	47	70	96	122	170	192		236	267	304	
21	48	71	97	123	171	193		237	268	305	
22	49	72	98	124	172	194		238	269	306	
23	50	73	99	125	173	195		239	270	307	
24	51	74	100	126	174	196		240	271	308	
25	52	75	101	127	175	197		241	272	309	
26	53	76	102	128	176	198		242	273	310	
27	54	77	103	129	177	199		243	274	311	
28	55	78	104	130	178	200		244	275	312	
29	56	79	105	131	179	201		245	276	313	
30	57	80	106	132	180	202		246	277	314	
31	58	81	107	133	181	203		247	278	315	
32	59	82	108	134	182	204		248	279	316	
33	60	83	109	135	183	205		249	280	317	
34	61	84	110	136	184	206		250	281	318	
35	62	85	111	137	185	207		251	282	319	
36	63	86	112	138	186	208		252	283	320	
37	64	87	113	139	187	209		253	284	321	
38	65	88	114	140	188	210		254	285	322	
39	66	89	115	141	189	211		255	286	323	
40	67	90	116	142	190	212		256	287	324	
41	68	91	117	143	191	213		257	288	325	
42	69	92	118	144	192	214		258	289	326	
43	70	93	119	145	193	215		259	290	327	
44	71	94	120	146	194	216		260	291	328	
45	72	95	121	147	195	217		261	292	329	
46	73	96	122	148	196	218		262	293	330	
47	74	97	123	149	197	219		263	294	331	
48	75	98	124	150	198	220		264	295	332	
49	76	99	125	151	199	221		265	296	333	
50	77	100	126	152	200	222		266	297	334	
51	78	101	127	153	201	223		267	298	335	
52	79	102	128	154	202	224		268	299	336	
53	80	103	129	155	203	225		269	300	337	
54	81	104	130	156	204	226		270	301	338	
55	82	105	131	157	205	227		271	302	339	
56	83	106	132	158	206	228		272	303	340	
57	84	107	133	159	207	229		273	304	341	
58	85	108	134	160	208	230		274	305	342	
59	86	109	135	161	209	231		275	306	343	
60	87	110	136	162	210	232		276	307	344	
61	88	111	137	163	211	233		277	308	345	
62	89	112	138	164	212	234		278	309	346	
63	90	113	139	165	213	235		279	310	347	
64	91	114	140	166	214	236		280	311	348	
65	92	115	141	167	215	237		281	312	349	
66	93	116	142	168	216	238		282	313	350	
67	94	117	143	169	217	239		283	314	351	
68	95	118	144	170	218	240		284	315	352	
69	96	119	145	171	219	241		285	316	353	
70	97	120	146	172	220	242		286	317	354	
71	98	121	147	173	221	243		287	318	355	
72	99	122	148	174	222	244		288	319	356	
73	100	123	149	175	223	245		289	320	357	
74	101	124	150	176	224	246		290	321	358	
75	102	125	151	177	225	247		291	322	359	
76	103	126	152	178	226	248		292	323	360	
77	104	127	153	179	227	249		293	324	361	
78	105	128	154	180	228	250		294	325	362	
79	106	129	155	181	229	251		295	326	363	
80	107	130	156	182	230	252		296	327	364	
81	108	131	157	183	231	253		297	328	365	
82	109	132	158	184	232	254		298	329	366	
83	110	133	159	185	233	255		299	330	367	
84	111	134	160	186	234	256		300	331	368	
85	112	135	161	187	235	257		301	332	369	
86	113	136	162	188	236	258		302	333	370	
87	114	137	163	189	237	259		303	334	371	
88	115	138	164	190	238	260		304	335	372	
89	116	139	165	191	239	261		305	336	373	
90	117	140	166	192	240	262		306	337	374	
91	118	141	167	193	241	263		307	338	375	
92	119	142	168	194	242	264		308	339	376	
93	120	143	169	195	243	265		309	340	377	
94	121	144	170	196	244	266		310	341	378	
95	122	145	171	197	245	267		311	342	379	
96	123	146	172	198	246	268		312	343	380	
97	124	147	173	199	247	269		313	344	381	
98	125	148	174	200	248	270		314	345	382	
99	126	149	175	201	249	271		315	346	383	
100	127	150	176	202	250	272		316	347	384	

ORIGINAL PAGE IS
OF POOR QUALITY

SET 3

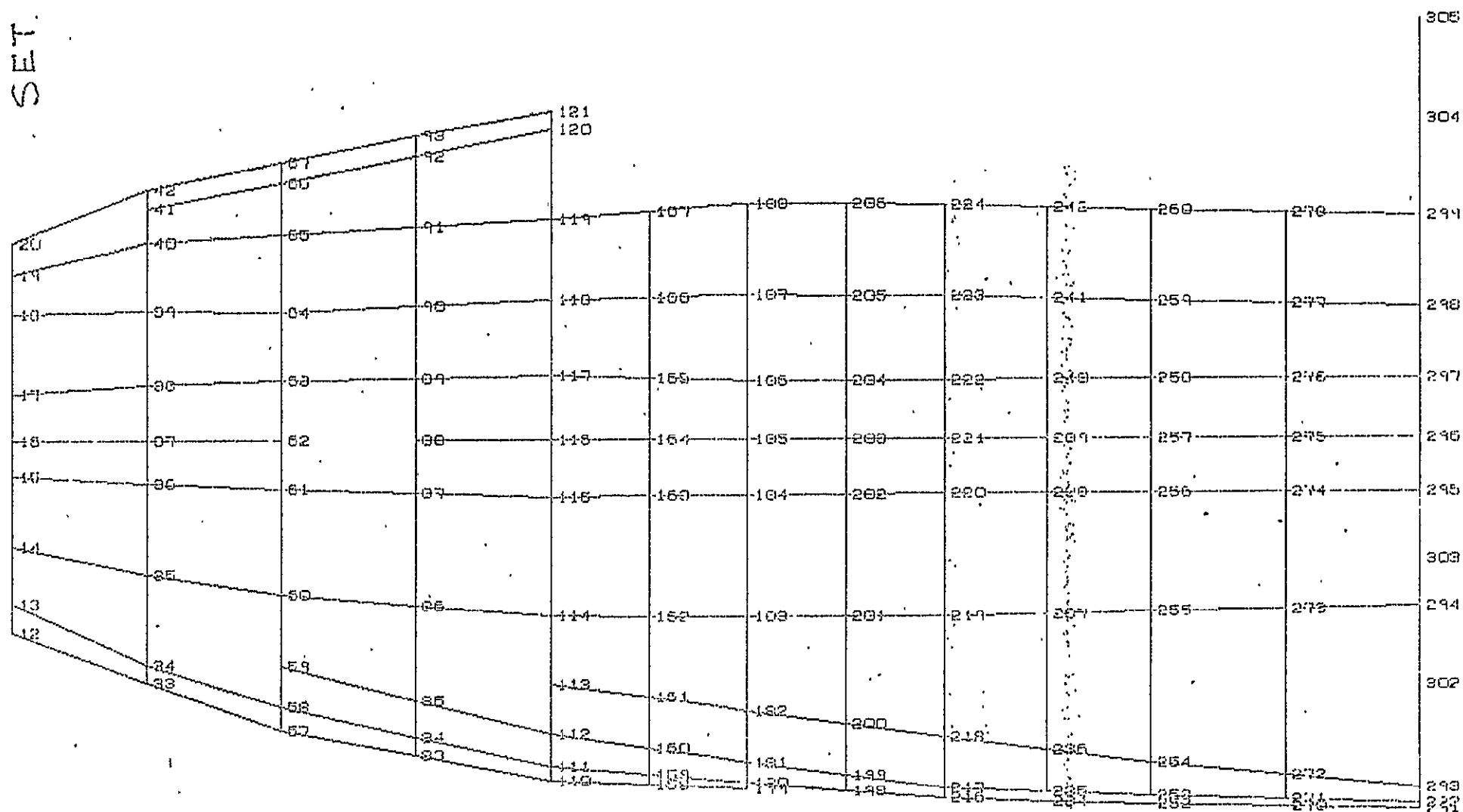
12RD	54RD	100RD	154RD	230RD	320RD	362RD	398RD	438RD	464RD	488RD	522RD
14RD	56RD	102RD	156RD	232RD	322RD	364RD	400RD	432RD	466RD	492RD	524RD
16RD	58RD	104RD	158RD	234RD	324RD	366RD	402RD	434RD	468RD	494RD	526RD
18RD	60RD	106RD	160RD	236RD	326RD	368RD	404RD	436RD	470RD	496RD	528RD
20RD	62RD	108RD	162RD	238RD	328RD	369RD	406RD	438RD	472RD	498RD	530RD
22RD	64RD	110RD	164RD	240RD	330RD						
24RD	66RD	112RD	166RD	242RD	332RD						
26RD	68RD	114RD	168RD	244RD	334RD						
28RD	70RD	116RD	170RD	246RD	336RD	370RD	406RD	438RD	472RD	500RD	542RD
		118RD	172RD	248RD	338RD	372RD	408RD	440RD	474RD	502RD	544RD
		120RD	174RD	250RD	340RD	374RD	410RD	442RD	476RD	504RD	546RD
				252RD	342RD	376RD	412RD	444RD	478RD	506RD	548RD
				254RD	344RD	378RD	414RD	446RD	480RD	508RD	550RD

ORIGINAL PAGE IS
OF POOR QUALITY

70M	280M	510M	770M	1380M	1450M	1590M	1640M	1990M	2150M	2320M	2480M
80M	290M	520M	780M	1390M	1490M	1500M	1850M	2000M	2160M		
90M	300M	530M	790M	1000M	1500M	1700M	1860M	2010M	2170M	2330M	2490M
100M	310M	540M	800M	1310M	1510M						
110M	320M	550M	810M	1320M	1520M						
120M	330M	560M	820M	1330M	1530M						
130M	340M	570M	830M	1340M	1540M						
140M	350M	580M	840M	1350M	1550M	1710M	1880M	2020M	2180M	2340M	2500M
		590M	850M	1360M	1560M	1720M	1890M	2030M	2190M	2350M	2510M
		600M	860M	1370M	1570M	1730M	1900M	2040M	2200M		

0
8
1
3

SET 4



30RD	8	82RD	1	134RD	1	186RD												
30RD	1	78RD	2	132RD	2	184RD	3	311RD	352RD	386RD	419RD	453RD	489RD	523RD	557RD			
34RD	3	76RD	4	128RD	4	180RD	5	310RD	350RD	384RD	418RD	452RD	488RD	522RD	556RD			
32RD	5	74RD	6	126RD	6	178RD	7	308RD	348RD	382RD	416RD	450RD	486RD	520RD	554RD			
30RD	7	72RD	8	124RD	8	176RD	9	306RD	346RD	380RD	414RD	448RD	484RD	518RD	552RD			
28RD	9	70RD	10	122RD	10	174RD	11	304RD	344RD	378RD	412RD	446RD	482RD	516RD	550RD			
26RD	11	68RD	12	120RD	12	172RD	13	302RD	342RD	376RD	410RD	444RD	480RD	514RD	548RD			
24RD	13	66RD	14	118RD	14	170RD	15	300RD	340RD	374RD	408RD	442RD	478RD	512RD	546RD			
22RD	15	64RD	16	116RD	16	168RD	17	298RD	338RD	372RD	406RD	440RD	476RD	510RD	544RD			
	17		18	114RD	18	166RD	19	296RD	336RD	370RD	404RD	438RD	474RD	508RD	542RD			
	19		20	112RD	20	164RD	21	294RD	334RD	368RD	402RD	436RD	472RD	506RD	540RD			
	21		22		22		292RD	332RD	366RD	400RD	434RD	468RD	504RD	538RD				
	23		24		24		290RD	330RD	364RD	398RD	432RD	466RD	502RD	536RD				
	25		26		26		288RD	328RD	362RD	396RD	430RD	464RD	500RD	534RD				
	27		28		28		286RD	326RD	360RD	394RD	428RD	462RD	498RD	532RD				
	29		30		30		284RD	324RD	358RD	392RD	426RD	460RD	496RD	530RD				
	31		32		32		282RD	322RD	356RD	390RD	424RD	458RD	494RD	528RD				
	33		34		34		280RD	320RD	354RD	388RD	422RD	456RD	492RD	526RD				
	35		36		36		278RD	318RD	352RD	386RD	420RD	454RD	490RD	524RD				
	37		38		38		276RD	316RD	350RD	384RD	418RD	452RD	488RD	522RD				
	39		40		40		274RD	314RD	348RD	382RD	416RD	450RD	486RD	520RD				
	41		42		42		272RD	312RD	346RD	380RD	414RD	448RD	484RD	518RD				
	43		44		44		270RD	310RD	344RD	378RD	412RD	446RD	482RD	516RD				
	45		46		46		268RD	308RD	342RD	376RD	410RD	444RD	480RD	514RD				
	47		48		48		266RD	306RD	340RD	374RD	408RD	442RD	478RD	512RD				
	49		50		50		264RD	304RD	338RD	372RD	406RD	440RD	476RD	510RD				
	51																	

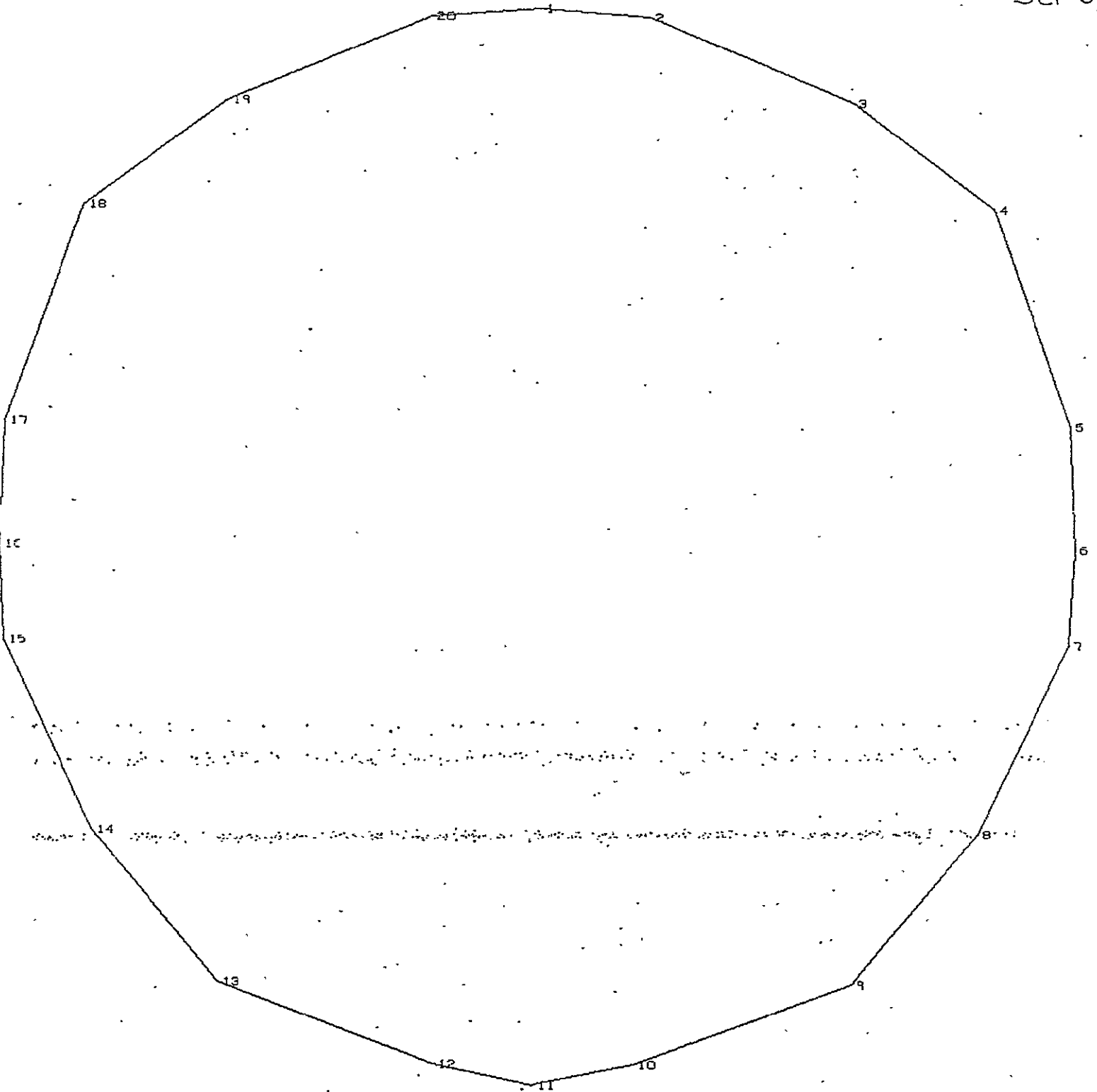
	4	7	5	B	R	4	7	6	B	R	6	5	5	B	3	3	B	H	5	1	B	N	9	B	B	U	O	2	B	T	7	B	M	O	1	E	R	5	4	5	B	P	L	A	S	-	G	A	C	I	O	N	S
--	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Set 4.

190M	410M	550M	920M								
180M	400M	650M	910M								
170M	390M	640M	900M	1420M	1620M	1780M	1930M	2090M	2250M	2410M	2570M
160M	380M	630M	890M	1410M	1610M	1770M	1920M	2080M	2240M	2400M	2560M
150M	370M	620M	880M	1400M	1600M	1760M	1910M	2070M	2230M	2390M	2550M
140M	360M	610M	870M	1390M	1590M	1750M	1900M	2060M	2220M	2380M	2540M
130M	350M	600M	860M	1380M	1580M	1740M	1890M	2050M	2210M	2370M	2530M
120M	340M	590M	850M	1370M	1570M	1730M	1880M	2040M	2200M	2360M	2520M
	330M	580M	840M	1360M	1560M	1720M	1870M	2030M	2190M	2350M	2510M
				1350M	1550M						

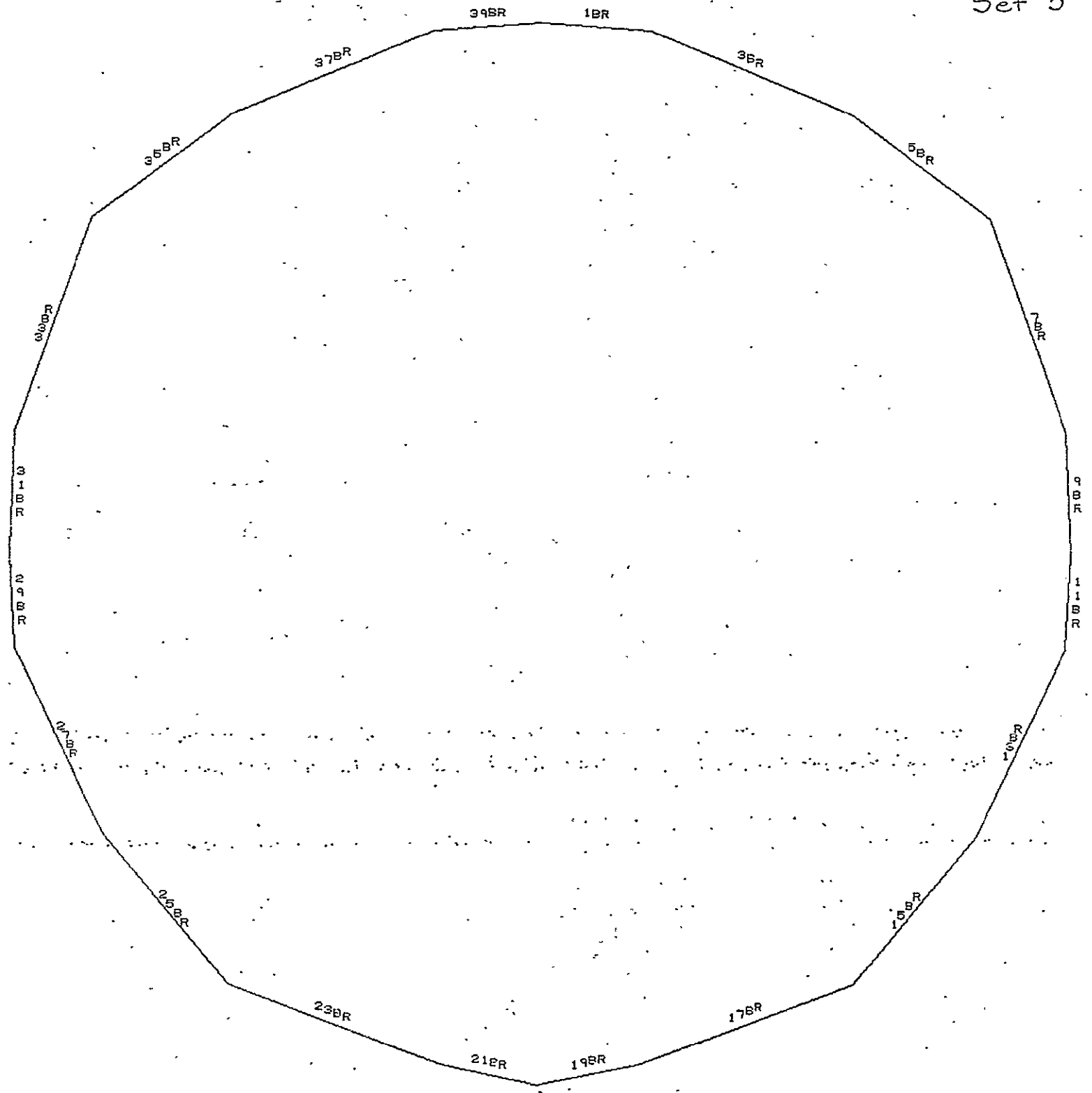
ORIGINAL PAGE IS
OF POOR QUALITY

Set 5

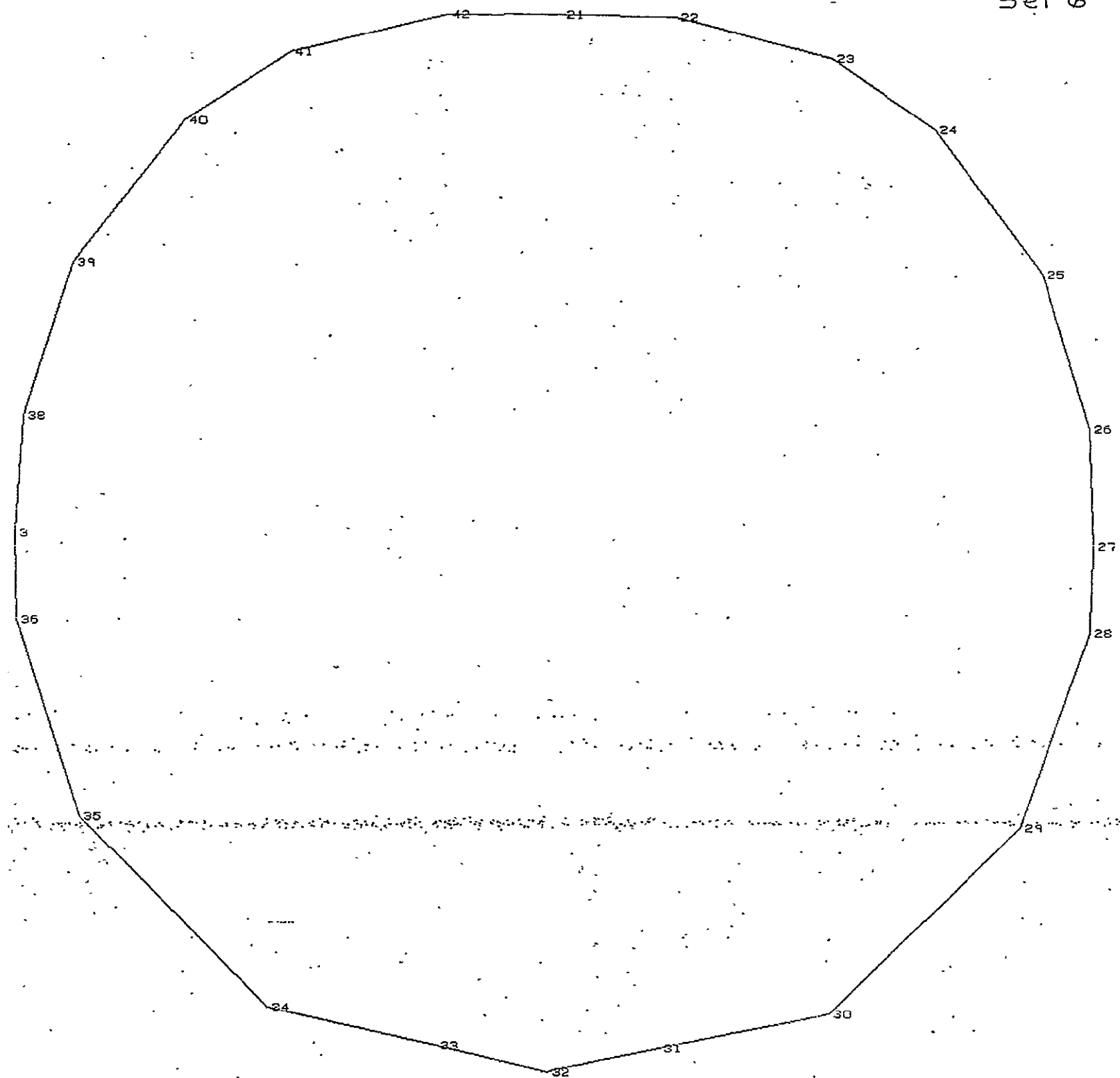


TEST FUSELAGE
UNDEFORMED SHAPE

Set 5

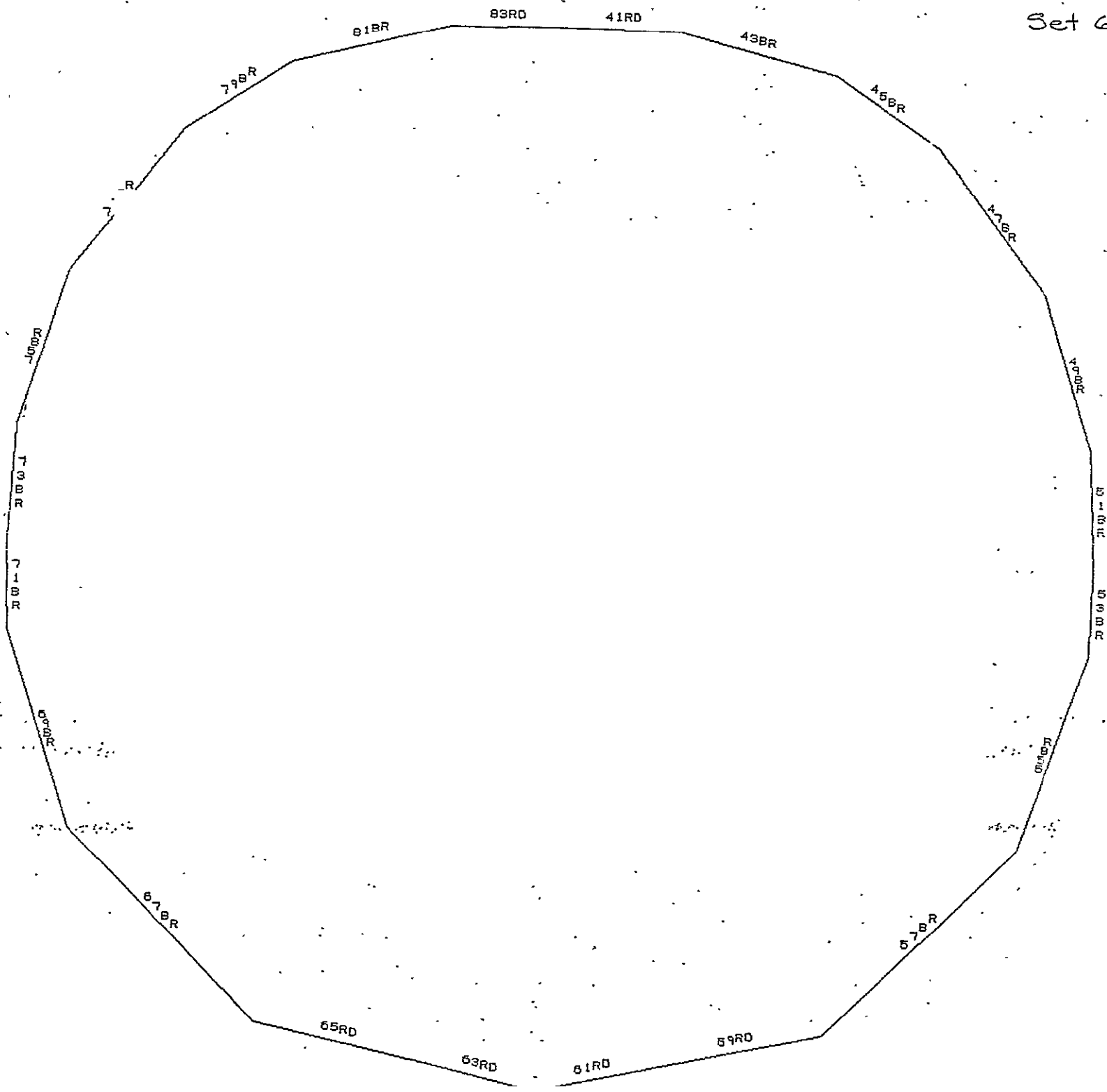


Set 6



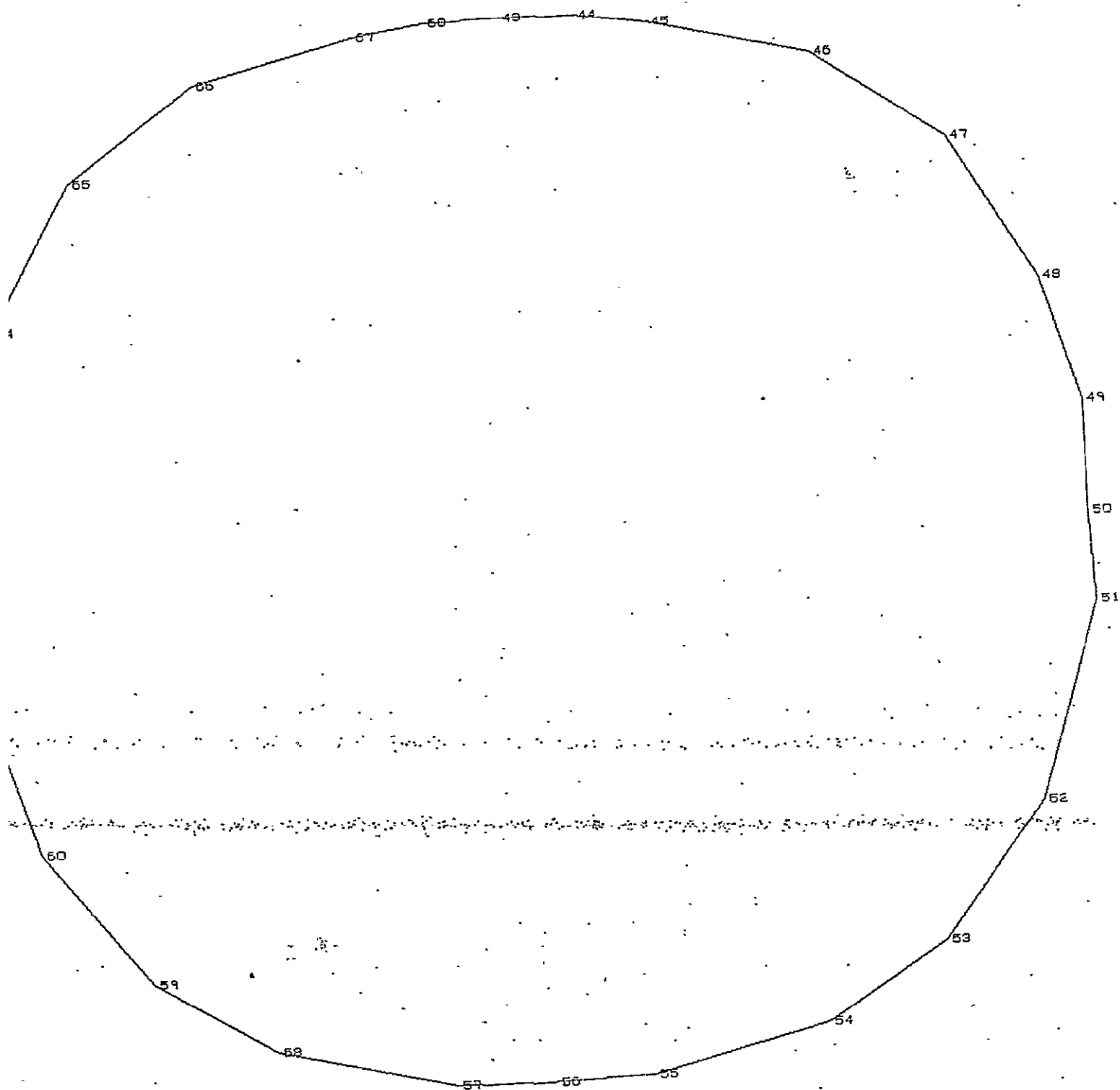
TEST FUSELAGE
UNDEFORMED SHAPE

Set 6



EST FUSELAGE
DEFORMED SHAPE

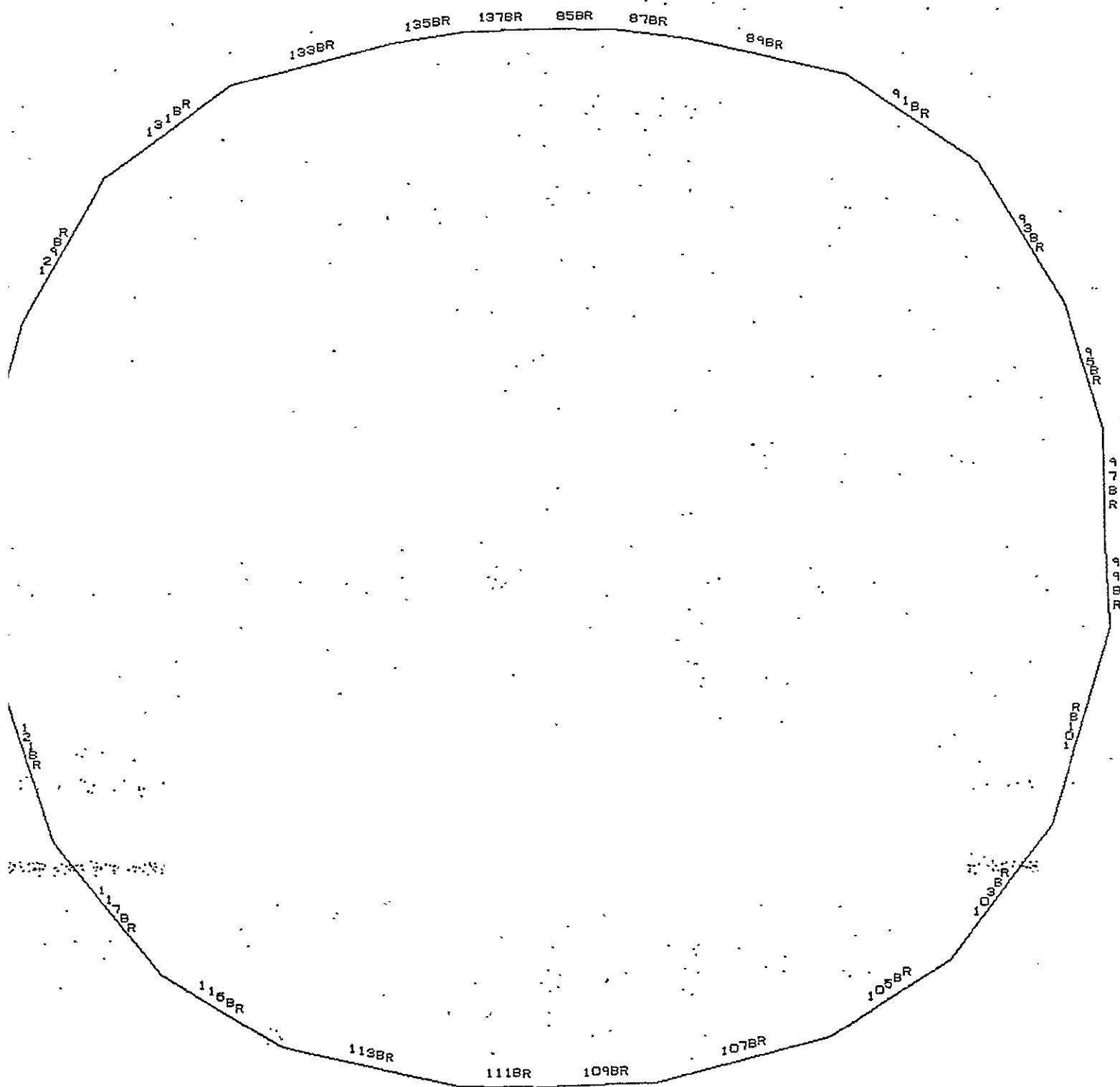
Set 7



1ST FUSELAGE
DEFORMED SHAPE

ORIGINAL PAGE IS
OF POOR QUALITY

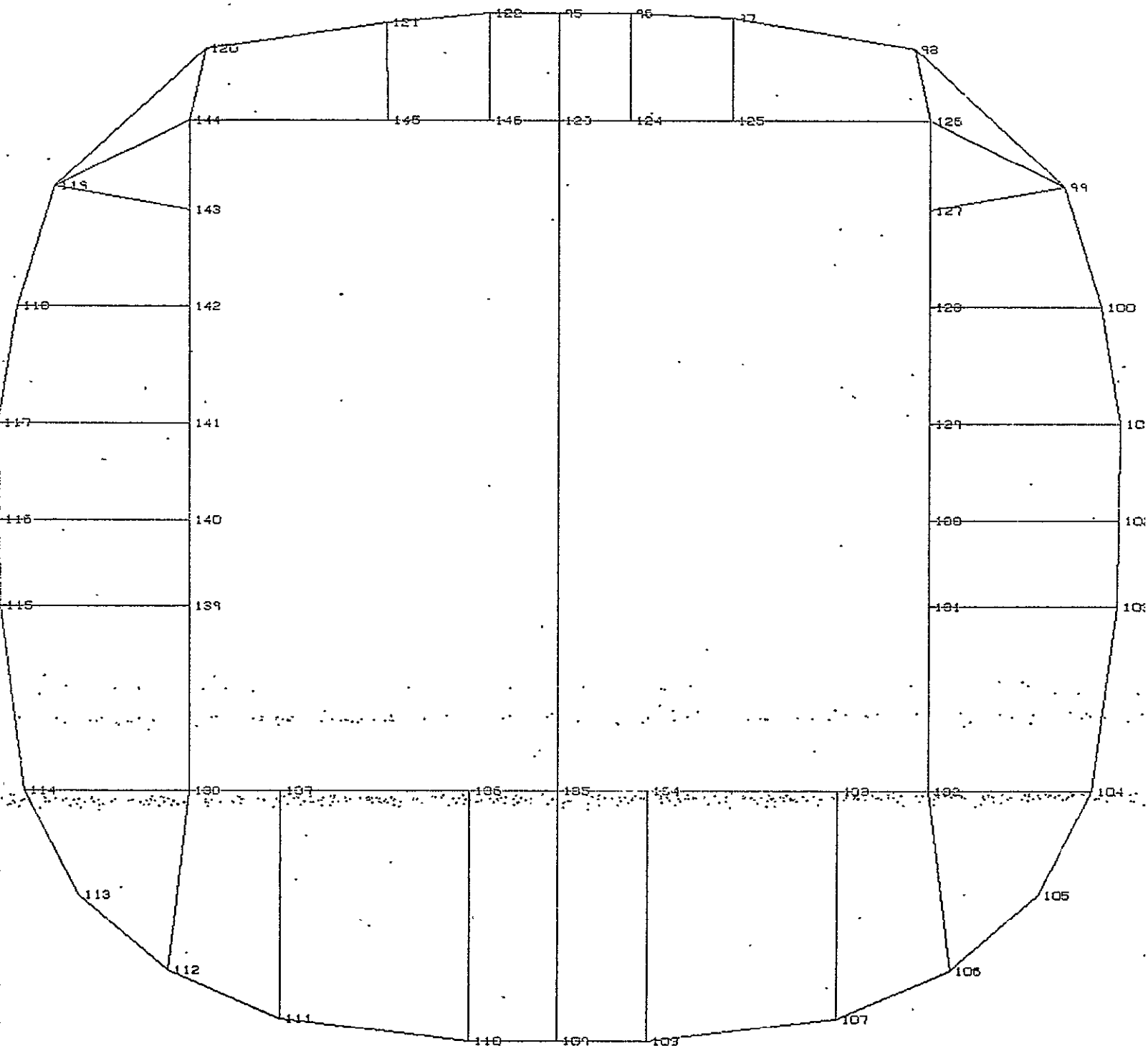
Set 7



1ST FUSELAGE
UNDEFORMED SHAPE

Set 8

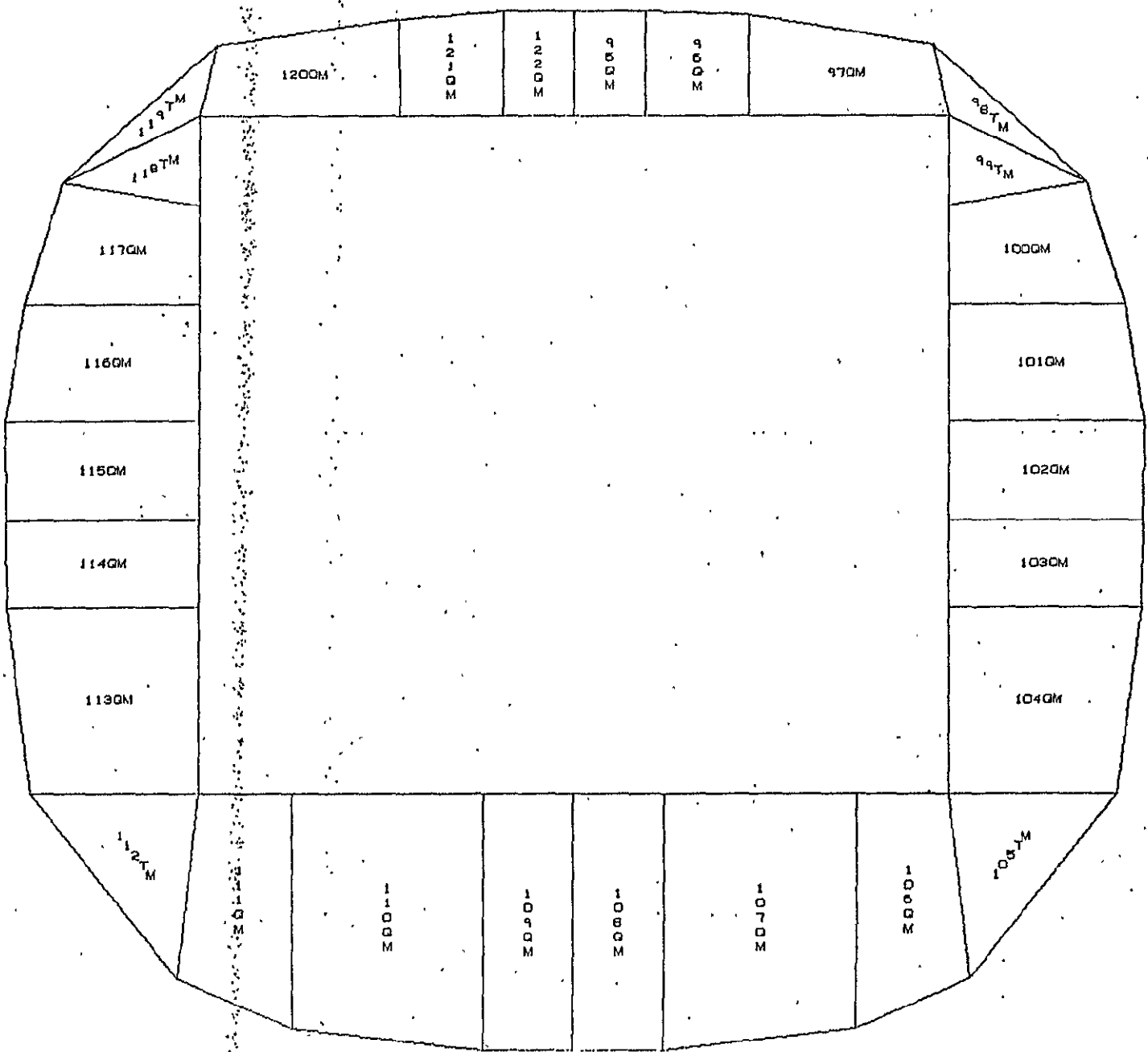
151593



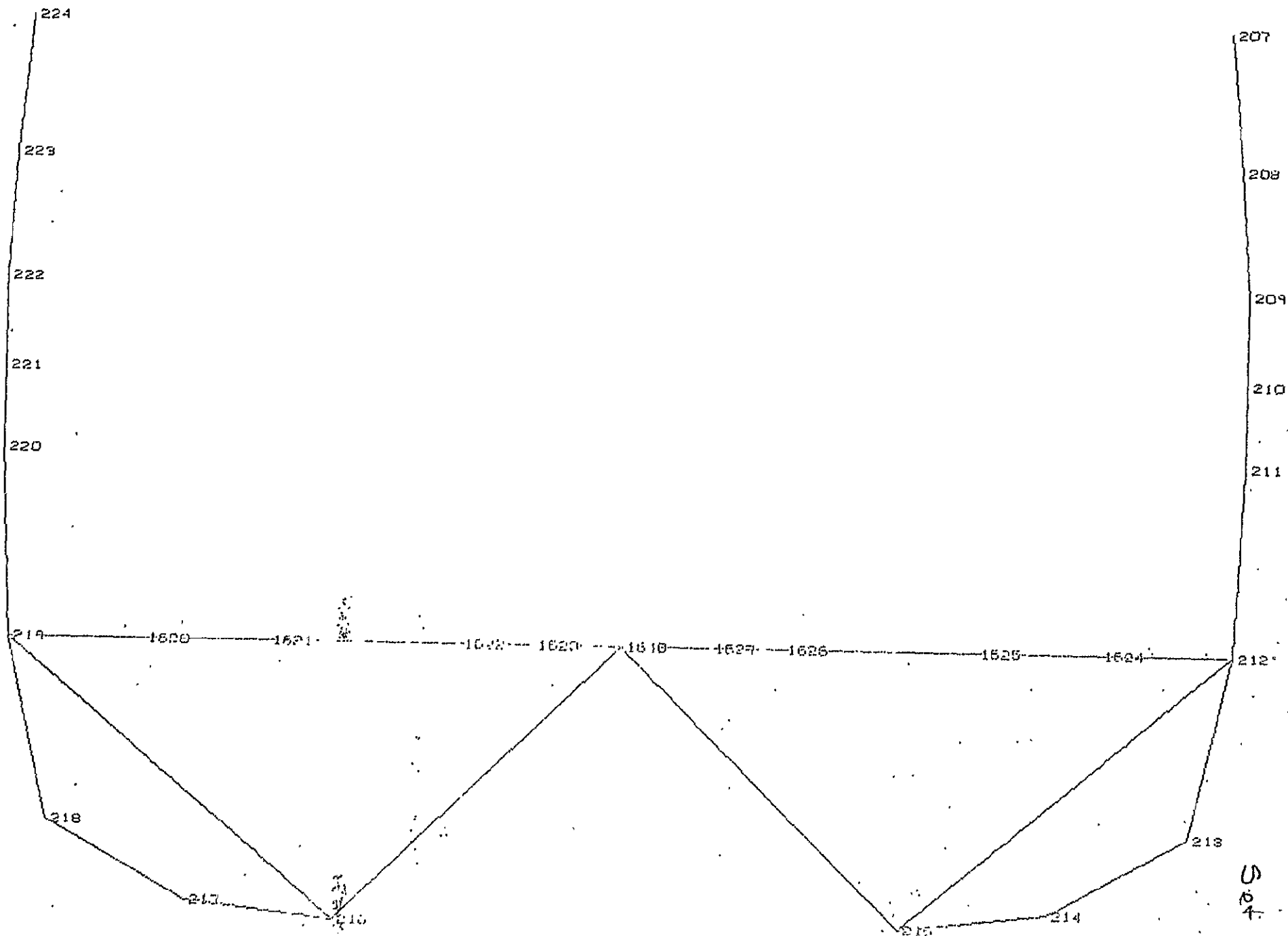
EST FUSELAGE
UNDEFORMED SHAPE

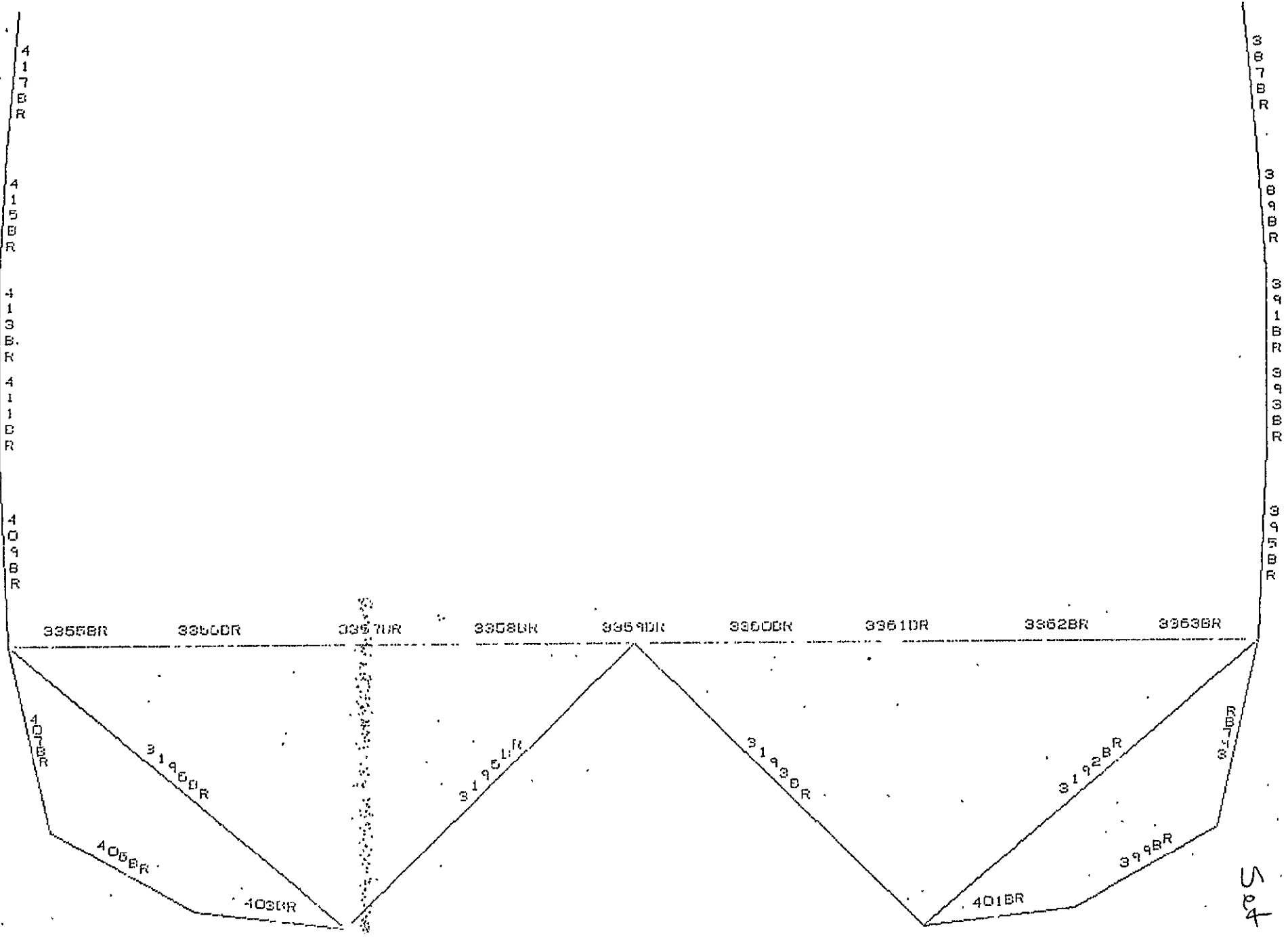
~~SECRET~~





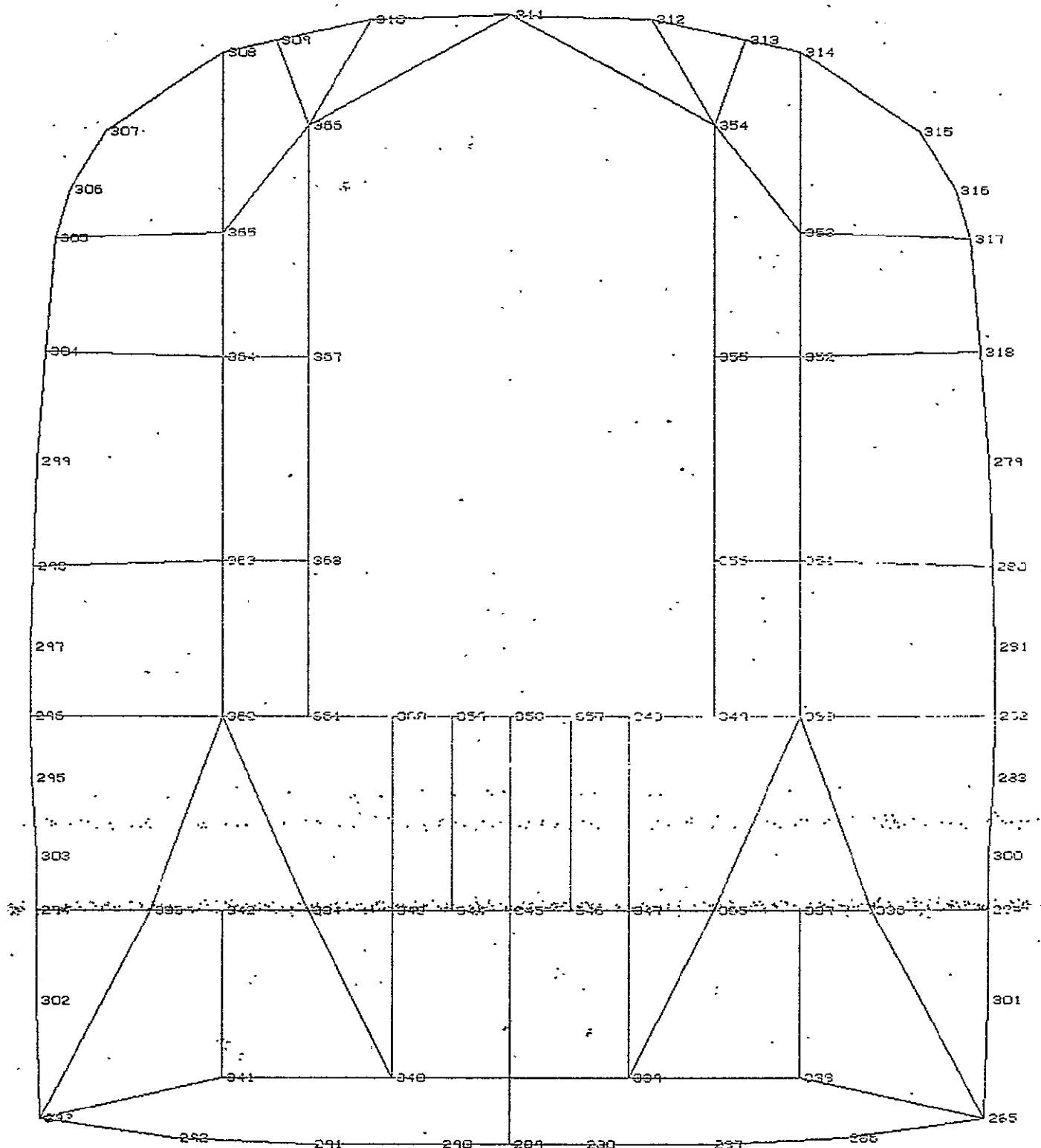
ORIGINAL PAGE IS
OF POOR QUALITY





645

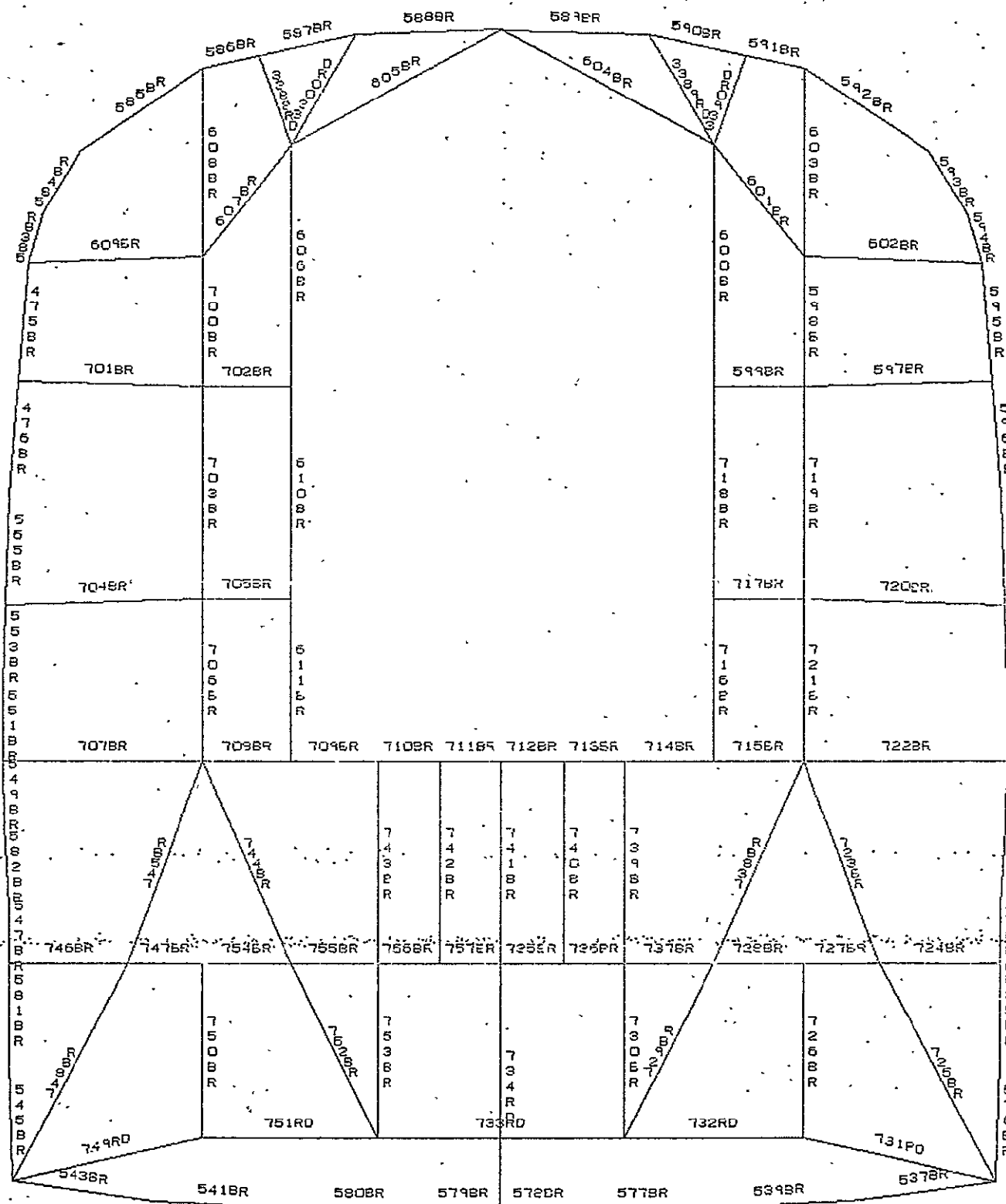
Set 10



TEST FUSELAGE
UNDEFORMED SHAPE

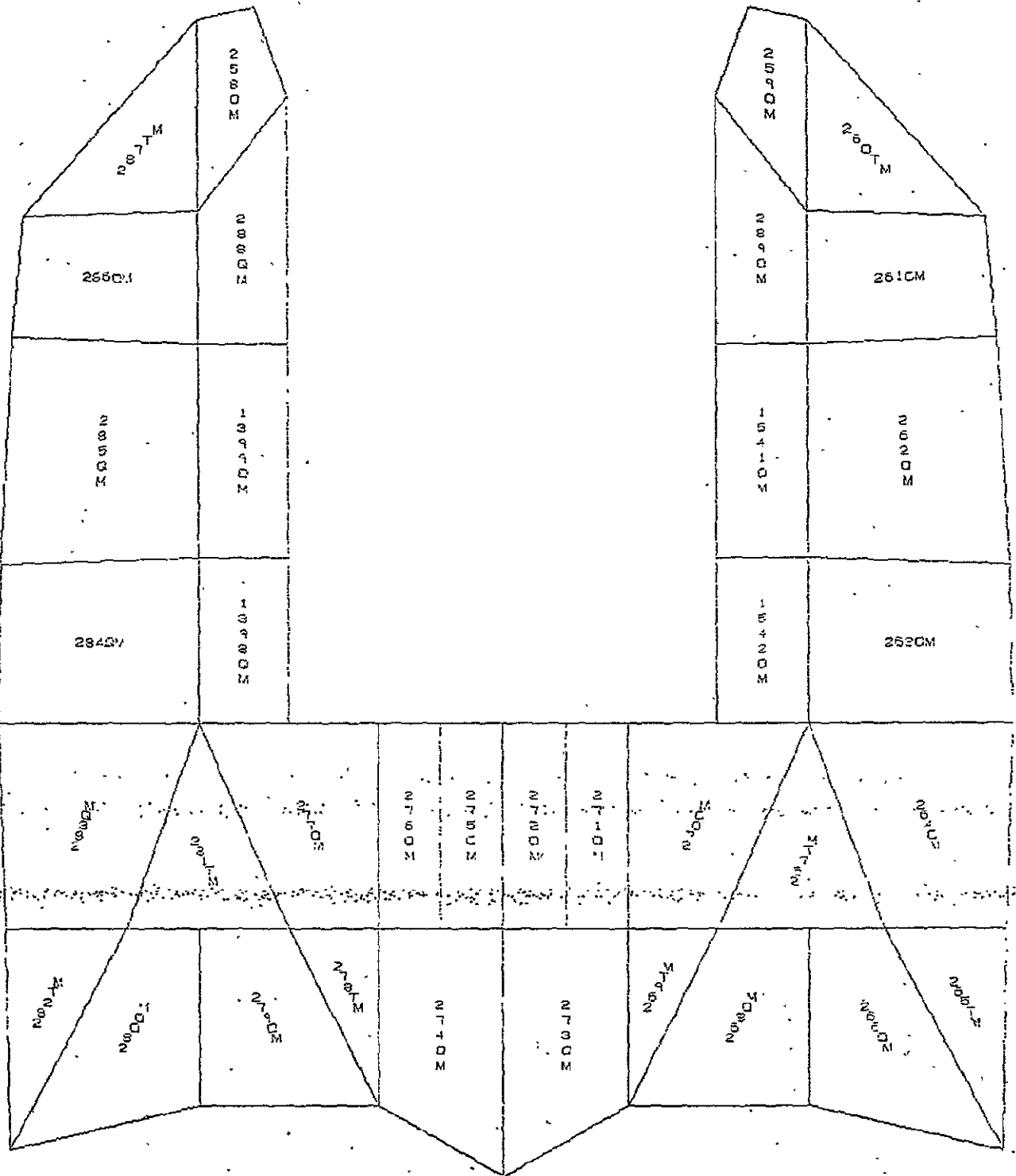
ORIGINAL PAGE IS
OF POOR QUALITY

Set 10



TEST FUSELAGE
UNDEFORMED SHAPE

Set 10



305	402	445	491	533	575	616	656	705	743	779	816	857
307	403	446	492	534	576	617	657	706	744	780	817	858
308	404	447	493	535	577	618	658	707	745	781	818	859
309	405	448	494	536	578	619	659	708	746	782	819	860
310	406	449	495	537	579	620	660	709	747	783	820	861
311	407	450	496	538	580	621	661	710	748	784	821	862
312	408	451	497	539	581	622	662	711	749	785	822	863
313	409	452	498	540	582	623	663	712	750	786	823	864
314	410	453	499	541	583	624	664	713	751	787	824	865
315	411	454	500	542	584	625	665	714	752	788	825	866
316	412	455	501	543	585	626	666	715	753	789	826	867
317	413	456	502	544	586	627	667	716	754	790	827	868
318	414	457	503	545	587	628	668	717	755	791	828	869
319	415	458	504	546	588	629	669	718	756	792	829	870
320	416	459	505	547	589	630	670	719	757	793	830	871
321	417	460	506	548	590	631	671	720	758	794	831	872
322	418	461	507	549	591	632	672	721	759	795	832	873
323	419	462	508	550	592	633	673	722	760	796	833	874
324	420	463	509	551	593	634	674	723	761	797	834	875
325	421	464	510	552	594	635	675	724	762	798	835	876
326	422	465	511	553	595	636	676	725	763	799	836	877
327	423	466	512	554	596	637	677	726	764	800	837	878
328	424	467	513	555	597	638	678	727	765	801	838	879
329	425	468	514	556	598	639	679	728	766	802	839	880
330	426	469	515	557	599	640	680	729	767	803	840	881
331	427	470	516	558	600	641	681	730	768	804	841	882
332	428	471	517	559	601	642	682	731	769	805	842	883
333	429	472	518	560	602	643	683	732	770	806	843	884
334	430	473	519	561	603	644	684	733	771	807	844	885
335	431	474	520	562	604	645	685	734	772	808	845	886
336	432	475	521	563	605	646	686	735	773	809	846	887
337	433	476	522	564	606	647	687	736	774	810	847	888
338	434	477	523	565	607	648	688	737	775	811	848	889
339	435	478	524	566	608	649	689	738	776	812	849	890
340	436	479	525	567	609	650	690	739	777	813	850	891
341	437	480	526	568	610	651	691	740	778	814	851	892
342	438	481	527	569	611	652	692	741	779	815	852	893
343	439	482	528	570	612	653	693	742	780	816	853	894
344	440	483	529	571	613	654	694	743	781	817	854	895
345	441	484	530	572	614	655	695	744	782	818	855	896
346	442	485	531	573	615	656	696	745	783	819	856	897
347	443	486	532	574	616	657	697	746	784	820	857	898
348	444	487	533	575	617	658	698	747	785	821	858	899
349	445	488	534	576	618	659	699	748	786	822	859	900
350	446	489	535	577	619	660	700	749	787	823	860	901
351	447	490	536	578	620	661	701	750	788	824	861	902
352	448	491	537	579	621	662	702	751	789	825	862	903
353	449	492	538	580	622	663	703	752	790	826	863	904
354	450	493	539	581	623	664	704	753	791	827	864	905
355	451	494	540	582	624	665	705	754	792	828	865	906
356	452	495	541	583	625	666	706	755	793	829	866	907
357	453	496	542	584	626	667	707	756	794	830	867	908
358	454	497	543	585	627	668	708	757	795	831	868	909
359	455	498	544	586	628	669	709	758	796	832	869	910
360	456	499	545	587	629	670	710	759	797	833	870	911
361	457	500	546	588	630	671	711	760	798	834	871	912
362	458	501	547	589	631	672	712	761	799	835	872	913
363	459	502	548	590	632	673	713	762	800	836	873	914
364	460	503	549	591	633	674	714	763	801	837	874	915
365	461	504	550	592	634	675	715	764	802	838	875	916
366	462	505	551	593	635	676	716	765	803	839	876	917
367	463	506	552	594	636	677	717	766	804	840	877	918
368	464	507	553	595	637	678	718	767	805	841	878	919
369	465	508	554	596	638	679	719	768	806	842	879	920
370	466	509	555	597	639	680	720	769	807	843	880	921
371	467	510	556	598	640	681	721	770	808	844	881	922
372	468	511	557	599	641	682	722	771	809	845	882	923
373	469	512	558	600	642	683	723	772	810	846	883	924
374	470	513	559	601	643	684	724	773	811	847	884	925
375	471	514	560	602	644	685	725	774	812	848	885	926
376	472	515	561	603	645	686	726	775	813	849	886	927
377	473	516	562	604	646	687	727	776	814	850	887	928
378	474	517	563	605	647	688	728	777	815	851	888	929
379	475	518	564	606	648	689	729	778	816	852	889	930
380	476	519	565	607	649	690	730	779	817	853	890	931
381	477	520	566	608	650	691	731	780	818	854	891	932
382	478	521	567	609	651	692	732	781	819	855	892	933
383	479	522	568	610	652	693	733	782	820	856	893	934
384	480	523	569	611	653	694	734	783	821	857	894	935
385	481	524	570	612	654	695	735	784	822	858	895	936
386	482	525	571	613	655	696	736	785	823	859	896	937
387	483	526	572	614	656	697	737	786	824	860	897	938
388	484	527	573	615	657	698	738	787	825	861	898	939
389	485	528	574	616	658	699	739	788	826	862	899	940
390	486	529	575	617	659	700	740	789	827	863	900	941
391	487	530	576	618	660	701	741	790	828	864	901	942
392	488	531	577	619	661	702	742	791	829	865	902	943
393	489	532	578	620	662	703	743	792	830	866	903	944
394	490	533	579	621	663	704	744	793	831	867	904	945
395	491	534	580	622	664	705	745	794	832	868	905	946
396	492	535	581	623	665	706	746	795	833	869	906	947
397	493	536	582	624	666	707	747	796	834	870	907	948
398	494	537	583	625	667	708	748	797	835	871	908	949
399	495	538	584	626	668	709	749	798	836	872	909	950
400	496	539	585	627	669	710	750	799	837	873	910	951
401	497	540	586	628	670	711	751	800	838	874	911	952
402	498	541	587	629	671	712	752	801	839	875	912	953
403	499	542	588	630	672	713	753	802	840	876	913	954
404	500	543	589	631	673	714	754	803	841	877	914	955
405	501	544	590	632	674	715	755	804	842	878	915	956
406	502	545	591	633	675	716	756	805	843	879	916	957
407	503	546	592	634	676	717	757	806	844	880	917	958
408	504	547	593	635	677	718	758	807	845	881	918	959
409	505	548	594	636	678	719	759	808	846	882	919	960
410	506	549	595	637	679	720	760	809	847	883	920	961
411	507	550	596	638	680	721	761	810	848	884	921	962
412	508	551	597	639	681	722	762	811	849	885	922	963
413	509	552	598	640	682	723	763	812	850	886	923	964
414	510	553	599	641	683	724	764	813	851	887	924	965
415	511	554	600	642	684	725	765	814	852	888	925	966
416	512	555	601	643	685	726	766	815	853	889	926	967
417	513	556	602	644	686	727	767	816	854	890	927	968</

11
 12
 13
 14
 15

826RD	908RD	998RD	1078RD	1152RD	1238RD	1330RD	1406RD	1482RD	1554RD	1626RD	1704RD
828RD	910RD	1000RD	1080RD	1154RD	1240RD	1332RD	1408RD	1484RD	1556RD	1628RD	1705RD
830BR	912BR	1002BR	1082BR	1156BR	1242RD	1334RD	1410RD	1486RD	1558RD	1630RD	1706RD
832RD	914BR	1004BR	1084RD	1158RD	1244RD	1336RD	1412RD	1488RD	1560RD	1632RD	1708RD
758RD	840RD	932RD	1008RD	1090RD	1162RD	1246RD	1338RD	1414RD	1490RD	1564RD	1636RD
760RD	842RD	934RD	1010RD	1092RD	1164RD	1250RD	1340RD	1420RD	1494RD	1568RD	1638RD

322QM	361QM	402QM	443QM	477QM	517QM	561QM	597QM	633QM	669QM	703QM	741QM
323QM	362QM	403QM	404QM	478QM	518QM	562QM	598QM	634QM	670QM	704QM	742QM
324QM	363QM	364QM	365QM	366QM	405QM						
325QM				406QM	479QM	519QM	563QM	599QM	635QM	671QM	743QM
326QM				407QM	444QM	480QM	520QM	564QM	600QM	636QM	705QM
327QM	326QM	367QM	408QM	445QM	481QM	521QM	565QM	601QM	637QM	672QM	706QM
328QM	328QM	368QM	409QM	446QM	482QM	522QM	566QM	602QM	638QM	673QM	707QM
329QM	329QM	369QM	410QM	447QM	483QM	523QM	567QM	603QM	639QM	674QM	708QM
330QM	330QM	370QM	411QM	448QM	484QM	524QM	568QM	604QM	640QM	675QM	709QM

014	072	411	452	457	500	540	501	523	672	712	749	706	823	
015	073	412	450	450	501	541	502	524	673	713	750	706	824	
016	074	410	451	451	502	542	503	525	674					
017	075	414	452	452	503	543	504	526	675	714	751	707	825	
	1704	415	453	453	1706	544	505	527	1710	1712	715	752	700	1714
018	076	416			504	544		528	676				826	
019	077	417	454	454	1707	545	506	529	677				827	
020	078	418	455	455	505	546	507	530	678				828	
021	079	419	456	456	506	547	508	531	679	716	753	709	829	
022	080	420	457	457	507	548	509	532	680	717	754	710	830	
023	081	421	458	458	508	549	510	533	681	718	755	711	831	
024	082	422	459	459	509	550	511	534	682	719	756	712	832	
025	083	423	460	460	510	551	512	535	683	720	757	713	833	
026	084	424	461	461	511	552	513	536	684	721	758	714	834	
027	085	425	462	462	512	553	514	537	685	722	759	715	835	
028	086	426	463	463	513	554	515	538	686	723	760	716	836	
029	087	427	464	464	514	555	516	539	687	724	761	717	837	
030	088	428	465	465	515	556	517	540	688	725	762	718	838	
031	089	429	466	466	516	557	518	541	689	726	763	719	839	
032	090	430	467	467	517	558	519	542	690	727	764	720	840	
033	091	431	468	468	518	559	520	543	691	728	765	721	841	
034	092	432	469	469	519	560	521	544	692	729	766	722	842	
035	093	433	470	470	520	561	522	545	693	730	767	723	843	
036	094	434	471	471	521	562	523	546	694	731	768	724	844	
037	095	435	472	472	522	563	524	547	695	732	769	725	845	
038	096	436	473	473	523	564	525	548	696	733	770	726	846	
039	097	437	474	474	524	565	526	549	697	734	771	727	847	
040	098	438	475	475	525	566	527	550	698	735	772	728	848	
041	099	439	476	476	526	567	528	551	699	736	773	729	849	
042	100	440	477	477	527	568	529	552	700	737	774	730	850	
043	101	441	478	478	528	569	530	553	701	738	775	731	851	
044	102	442	479	479	529	570	531	554	702	739	776	732	852	
045	103	443	480	480	530	571	532	555	703	740	777	733	853	
046	104	444	481	481	531	572	533	556	704	741	778	734	854	
047	105	445	482	482	532	573	534							

764RD	840RD	932RD	1008RD	1090RD	1166RD	1248RD	1330RD	1418RD	1492RD	1564RD	1636RD
766RD	842RD	934RD	1010RD	1092RD	1168RD	1250RD	1332RD	1420RD	1494RD	1566RD	1638RD
768RD	844RD	936RD	1012RD	1094RD	1170RD	1252RD	1334RD	1422RD	1496RD	1568RD	1640RD
770BR	850BR	938BR	1014BR	1096BR	1172BR	1254BR	1336BR	1424BR	1498BR	1570BR	1642BR
772RD	852RD	940BR	1016BR	1098RD	1174BR	1256BR	1338BR	1426BR	1499BR	1571BR	1643BR
774BR	854BR	942BR	1018BR	1100BR	1176BR	1258BR	1340BR	1428BR	1500BR	1572BR	1644BR
776RD	856RD	944BR	1020RD	1102RD	1178RD	1260RD	1342RD	1430RD	1502RD	1574RD	1646RD
778RD	858RD	946RD	1022RD	1104RD	1180RD	1262RD	1344RD	1432RD	1504RD	1576RD	1648RD
780RD	860RD	948RD	1024RD	1106RD	1182RD	1264RD	1346RD	1434RD	1506RD	1578RD	1650RD
782BR	862BR	950RD	1026RD	1108RD	1184RD	1266RD	1348RD	1436RD	1508RD	1580RD	1652RD
784RD	864RD	952BR	1028RD	1110RD	1186RD	1268RD	1350RD	1438RD	1510RD	1582RD	1654RD
786RD	866RD	954RD	1030RD	1112RD	1188RD	1270RD	1352RD	1440RD	1512BR	1584BR	1656BR
788BR	868BR	956BR	1032BR	1114BR	1190BR	1272BR	1354BR	1442BR	1514BR	1586BR	1658BR

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS
OF POOR QUALITY

014	072	411	457	539	543	501	529	572	712	744	705	823
015	073	412	458	531	544	502	524	573	713	753	714	824
016	074	413	451	532	542	503	525	574				
017	075	414	452	533	545	504	526	575	715	754	715	825
		475	453	1700	4731	505	527	1710	716	755	716	1714
018	076	416		534	544			576	717	756		826
		476	454	1707	4732	506	528	1711				
279	077	417	455	535	545	507	529	577	718	757		827
								578				
280	078	417	456	535	545	508	530	578	719	758		828
281	079	418	457	536	546	509	531	579	720	759	719	829
282	080	419	458	537	547	510	532	580	721	760	720	830
		423		538	548	511	533	581	722	761	721	831
				510								
300	302	425	470	541	552	512	534	582	723	762	722	832
301	303	424	471	542	553	513	535	583	724	763	723	833
305	304	425	472	543	554	514	536	584	725	764	724	834

↑
2

575

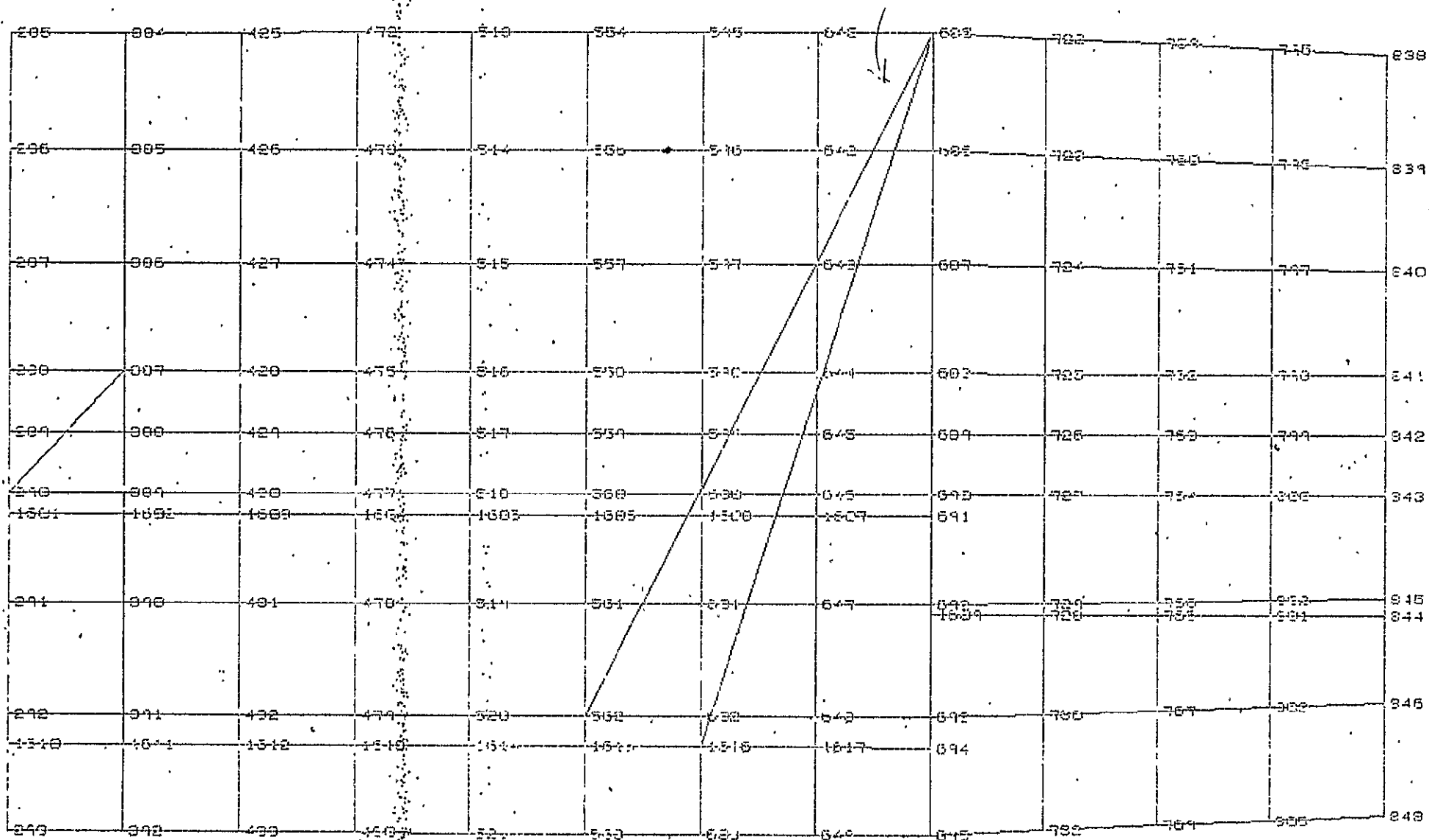
2930M	3290M	3700M	4100M	4460M	4800M	5230M	5660M	6080M	6330M	6740M	7030M
2940M	3300M	3710M	4110M	4470M	4810M	5240M	5670M	6030M	6390M	6750M	7090M
2950M	3310M	3720M	4120M	4480M	4820M	5250M	5680M	6040M	6400M	6760M	7100M
2960M	3320M	3730M	4130M	4490M	4830M	5260M	5690M	6050M	6410M	6770M	7110M
2970M	3330M	3740M	4140M	4500M	4840M	5270M	5700M	6060M	6420M	6780M	7120M
2980M	3340M	3750M	4150M	4510M	4850M	5280M	5710M	6070M	6430M	6790M	7130M
2990M	3350M	3760M	4160M	4520M	4860M	5290M	5720M	6080M	6440M	6800M	7140M
3000M	3360M	3770M	4170M	4530M	4870M	5300M	5730M	6090M	6450M	6810M	7150M
3010M	3370M	3780M	4180M	4540M	4880M	5310M	5740M	6100M	6460M	6820M	7160M
3020M	3380M	3790M	4190M	4550M	4890M	5320M	5750M	6110M	6470M	6830M	7170M
3030M	3390M	3800M	4200M	4560M	4900M	5330M	5760M	6120M	6480M	6840M	7180M
3040M	3400M	3810M	4210M	4570M	4910M	5340M	5770M	6130M	6490M	6850M	7190M
3050M	3410M	3820M	4220M	4580M	4920M	5350M	5780M	6140M	6500M	6860M	7200M
3060M	3420M	3830M	4230M	4590M	4930M	5360M	5790M	6150M	6510M	6870M	7210M
3070M	3430M	3840M	4240M	4600M	4940M	5370M	5800M	6160M	6520M	6880M	7220M
3080M	3440M	3850M	4250M	4610M	4950M	5380M	5810M	6170M	6530M	6890M	7230M
3090M	3450M	3860M	4260M	4620M	4960M	5390M	5820M	6180M	6540M	6900M	7240M
3100M	3460M	3870M	4270M	4630M	4970M	5400M	5830M	6190M	6550M	6910M	7250M
3110M	3470M	3880M	4280M	4640M	4980M	5410M	5840M	6200M	6560M	6920M	7260M
3120M	3480M	3890M	4290M	4650M	4990M	5420M	5850M	6210M	6570M	6930M	7270M
3130M	3490M	3900M	4300M	4660M	5000M	5430M	5860M	6220M	6580M	6940M	7280M
3140M	3500M	3910M	4310M	4670M	5010M	5440M	5870M	6230M	6590M	6950M	7290M
3150M	3510M	3920M	4320M	4680M	5020M	5450M	5880M	6240M	6600M	6960M	7300M
3160M	3520M	3930M	4330M	4690M	5030M	5460M	5890M	6250M	6610M	6970M	7310M
3170M	3530M	3940M	4340M	4700M	5040M	5470M	5900M	6260M	6620M	6980M	7320M
3180M	3540M	3950M	4350M	4710M	5050M	5480M	5910M	6270M	6630M	6990M	7330M
3190M	3550M	3960M	4360M	4720M	5060M	5490M	5920M	6280M	6640M	7000M	7340M
3200M	3560M	3970M	4370M	4730M	5070M	5500M	5930M	6290M	6650M	7010M	7350M
3210M	3570M	3980M	4380M	4740M	5080M	5510M	5940M	6300M	6660M	7020M	7360M
3220M	3580M	3990M	4390M	4750M	5090M	5520M	5950M	6310M	6670M	7030M	7370M
3230M	3590M	4000M	4400M	4760M	5100M	5530M	5960M	6320M	6680M	7040M	7380M
3240M	3600M	4010M	4410M	4770M	5110M	5540M	5970M	6330M	6690M	7050M	7390M
3250M	3610M	4020M	4420M	4780M	5120M	5550M	5980M	6340M	6700M	7060M	7400M
3260M	3620M	4030M	4430M	4790M	5130M	5560M	5990M	6350M	6710M	7070M	7410M
3270M	3630M	4040M	4440M	4800M	5140M	5570M	6000M	6360M	6720M	7080M	7420M
3280M	3640M	4050M	4450M	4810M	5150M	5580M	6010M	6370M	6730M	7090M	7430M
3290M	3650M	4060M	4460M	4820M	5160M	5590M	6020M	6380M	6740M	7100M	7440M
3300M	3660M	4070M	4470M	4830M	5170M	5600M	6030M	6390M	6750M	7110M	7450M
3310M	3670M	4080M	4480M	4840M	5180M	5610M	6040M	6400M	6760M	7120M	7460M
3320M	3680M	4090M	4490M	4850M	5190M	5620M	6050M	6410M	6770M	7130M	7470M
3330M	3690M	4100M	4500M	4860M	5200M	5630M	6060M	6420M	6780M	7140M	7480M
3340M	3700M	4110M	4510M	4870M	5210M	5640M	6070M	6430M	6790M	7150M	7490M
3350M	3710M	4120M	4520M	4880M	5220M	5650M	6080M	6440M	6800M	7160M	7500M
3360M	3720M	4130M	4530M	4890M	5230M	5660M	6090M	6450M	6810M	7170M	7510M
3370M	3730M	4140M	4540M	4900M	5240M	5670M	6100M	6460M	6820M	7180M	7520M
3380M	3740M	4150M	4550M	4910M	5250M	5680M	6110M	6470M	6830M	7190M	7530M
3390M	3750M	4160M	4560M	4920M	5260M	5690M	6120M	6480M	6840M	7200M	7540M
3400M	3760M	4170M	4570M	4930M	5270M	5700M	6130M	6490M	6850M	7210M	7550M
3410M	3770M	4180M	4580M	4940M	5280M	5710M	6140M	6500M	6860M	7220M	7560M
3420M	3780M	4190M	4590M	4950M	5290M	5720M	6150M	6510M	6870M	7230M	7570M
3430M	3790M	4200M	4600M	4960M	5300M	5730M	6160M	6520M	6880M	7240M	7580M
3440M	3800M	4210M	4610M	4970M	5310M	5740M	6170M	6530M	6890M	7250M	7590M
3450M	3810M	4220M	4620M	4980M	5320M	5750M	6180M	6540M	6900M	7260M	7600M
3460M	3820M	4230M	4630M	4990M	5330M	5760M	6190M	6550M	6910M	7270M	7610M
3470M	3830M	4240M	4640M	5000M	5340M	5770M	6200M	6560M	6920M	7280M	7620M
3480M	3840M	4250M	4650M	5010M	5350M	5780M	6210M	6570M	6930M	7290M	7630M
3490M	3850M	4260M	4660M	5020M	5360M	5790M	6220M	6580M	6940M	7300M	7640M
3500M	3860M	4270M	4670M	5030M	5370M	5800M	6230M	6590M	6950M	7310M	7650M
3510M	3870M	4280M	4680M	5040M	5380M	5810M	6240M	6600M	6960M	7320M	7660M
3520M	3880M	4290M	4690M	5050M	5390M	5820M	6250M	6610M	6970M	7330M	7670M
3530M	3890M	4300M	4700M	5060M	5400M	5830M	6260M	6620M	6980M	7340M	7680M
3540M	3900M	4310M	4710M	5070M	5410M	5840M	6270M	6630M	6990M	7350M	7690M
3550M	3910M	4320M	4720M	5080M	5420M	5850M	6280M	6640M	7000M	7360M	7700M
3560M	3920M	4330M	4730M	5090M	5430M	5860M	6290M	6650M	7010M	7370M	7710M
3570M	3930M	4340M	4740M	5100M	5440M	5870M	6300M	6660M	7020M	7380M	7720M
3580M	3940M	4350M	4750M	5110M	5450M	5880M	6310M	6670M	7030M	7390M	7730M
3590M	3950M	4360M	4760M	5120M	5460M	5890M	6320M	6680M	7040M	7400M	7740M
3600M	3960M	4370M	4770M	5130M	5470M	5900M	6330M	6690M	7050M	7410M	7750M
3610M	3970M	4380M	4780M	5140M	5480M	5910M	6340M	6700M	7060M	7420M	7760M
3620M	3980M	4390M	4790M	5150M	5490M	5920M	6350M	6710M	7070M	7430M	7770M
3630M	3990M	4400M	4800M	5160M	5500M	5930M	6360M	6720M	7080M	7440M	7780M
3640M	4000M	4410M	4810M	5170M	5510M	5940M	6370M	6730M	7090M	7450M	7790M
3650M	4010M	4420M	4820M	5180M	5520M	5950M	6380M	6740M	7100M	7460M	7800M
3660M	4020M	4430M	4830M	5190M	5530M	5960M	6390M	6750M	7110M	7470M	7810M
3670M	4030M	4440M	4840M	5200M	5540M	5970M	6400M	6760M	7120M	7480M	7820M
3680M	4040M	4450M	4850M	5210M	5550M	5980M	6410M	6770M	7130M	7490M	7830M
3690M	4050M	4460M	4860M	5220M	5560M	5990M	6420M	6780M	7140M	7500M	7840M
3700M	4060M	4470M	4870M	5230M	5570M	6000M	6430M	6790M	7150M	7510M	7850M
3710M	4070M	4480M	4880M	5240M	5580M	6010M	6440M	6800M	7160M	7520M	7860M
3720M	4080M	4490M	4890M	5250M	5590M	6020M	6450M	6810M	7170M	7530M	7870M
3730M	4090M	4500M	4900M	5260M	5600M	6030M	6460M	6820M	7180M	7540M	7880M
3740M	4100M	4510M	4910M	5270M	5610M	6040M	6470M	6830M	7190M	7550M	7890M
3750M	4110M	4520M	4920M	5280M	5620M	6050M	6480M	6840M	7200M	7560M	7900M
3760M	4120M	4530M	4930M	5290M	5630M	6060M	6490M	6850M	7210M	7570M	7910M
3770M	4130M	4540M	4940M	5300M	5640M	6070M	6500M	6860M	7220M	7580M	7920M
3780M	4140M	4550M	4950M	5310M	5650M	6080M	6510M	6870M	7230M	7590M	7930M
3790M	4150M	4560M	4960M	5320M	5660M	6090M	6520M	6880M	7240M	7600M	7940M
3800M	4160M	4570M	4970M	5330M	5670M	6100M	6530M	6890M	7250M	7610M	7950M
3810M	4170M	4580M	4980M	5340M	5680M	6110M	6540M	6900M	7260M	7620M	7960M
3820M	4180M	4590M	4990M	5350M	5690M	6120M	6550M	6910M	7270M	7630M	7970M
3830M	4190M	4600M	5000M	5360M	5700M	6130M	6560M	6920M	7280M	7640M	7980M
3840M	4200M	4610M	5010M	5370M	5710M	6140M	6570M	6930M	7290M	7650M	7990M
3850M	4210M	4620M	5020M	5380M	5720M	6150M	6580M	6940M	7300M	7660M	8000M
3860M	4220M	4630M	5030M	5390M	5730M	6160M	6590M	6950M	7310M	7670M	8010M
3870M	4230M	4640M	5040M	5400M	5740M	6170M	6600M	6960M	7320M	7680M	8020M
3880M	4240M	4650M	5050M	5410M	5750M	6180M	6610M	6970M	7330M	7690M	8030M
3890M	4250M	4660M	5060M	5420M	5760M	6190M	6620M	6980M	7340M	7700M	8040M
3900M	4260M	4670M	5070M	5430M	5770M	6200M	6630M	6990M	7350M	7710M	8050M
3910M	4270M	4680M	5080M	5440M	5780M	6210M	6640M	7000M	7360M	7	

205	304	425	472	513	554	595	641	685	722	759	795	832	8
												839	
206	305	426	473	514	555	596	642	686	723	760	796	839	
207	306	427	474	515	557	597	643	687	724	761	797	840	
208	307	428	475	516	558	598	644	688	725	762	798	841	
209	308	429	476	517	559	599	645	689	726	763	799	842	
210	309	430	477	518	560	600	646	690	727	764	800	843	
1601	1602	1603	1604	1605	1606	1607	1608	091					
211	310	431	478	519	561	601	647	691	728	765	802	845	
								1609	729	766	803	844	
212	311	432	479	520	562	602	648	692	730	767	804	846	
1610	1611	1612	1613	1614	1615	1616	1617	094					
213	312	433	480	521	563	603	649	693	731	768	805	848	

5 3 7 8 R 790RD	7 8 9 R D 870RD	8 7 1 R D 960RD	9 5 9 R D 1038RD	1 0 3 5 8 R 1116RD	1 1 1 5 R D 1196RD	1 1 9 8 R D 1284RD	1 2 8 3 R D 1366RD	1 3 6 5 R 1444RD	1 4 4 3 R D 1514RD	1 5 1 3 R D 1586RD	1 5 8 3 R D 1664RD
5 3 9 8 R 792RD	7 9 1 R D 872RD	8 7 3 R D 962RD	9 5 1 R D 1040RD	1 0 3 7 8 R 1118RD	1 1 1 7 R D 1198RD	1 1 9 5 R D 1236RD	1 2 8 0 R D 1368RD	1 3 6 3 R 1446RD	1 4 4 5 R D 1516RD	1 5 1 5 R D 1588RD	1 5 8 5 R D 1666RD
5 7 7 8 R 794BR	7 9 3 R D 874BR	8 7 5 R D 964BR	9 5 3 R D 1042BR	1 0 3 9 8 R 1120BR	1 1 1 9 R D 1200BR	1 1 9 7 R D 1288BR	1 2 8 7 R D 1370BR	1 3 6 9 R 1446BR	1 4 4 7 R D 1518BR	1 5 1 7 R D 1590BR	1 5 8 7 R D 1668BR
5 7 8 8 R 796RD	7 9 5 R D 876RD	8 7 7 R D 966RD	9 5 5 R D 1044RD	1 0 4 1 R 1122RD	1 1 2 2 R D 1202RD	1 1 9 8 R D 1290RD	1 2 8 8 R D 1372RD	1 3 6 9 R 1450RD	1 4 4 8 R D 1520RD	1 5 1 8 R D 1592RD	1 5 8 8 R D 1670RD
5 7 9 8 R 798BR	7 9 7 R D 878BR	8 7 9 R D 968BR	9 5 7 R D 1046BR	1 0 4 3 R 1124BR	1 1 2 4 R D 1204BR	1 1 9 9 R D 1292BR	1 2 8 9 R D 1374BR	1 3 6 9 R 1452BR	1 4 4 9 R D 1522BR	1 5 1 9 R D 1594BR	1 5 8 9 R D 1672BR
5 7 0 8 R 800RD	7 9 8 R D 880RD	8 7 0 R D 970RD	9 5 8 R D 1048RD	1 0 4 5 R 1126RD	1 1 2 6 R D 1206RD	1 1 0 0 R D 1294RD	1 2 8 9 R D 1376RD	1 3 6 9 R 1454BR	1 4 4 9 R D 1524BR	1 5 1 9 R D 1596RD	1 5 8 9 R D 1674BR
5 4 1 8 R 802RD	8 0 1 R D 882RD	8 7 3 R D 972RD	9 5 1 R D 1050RD	1 0 4 7 8 R 1128RD	1 1 2 8 R D 1208RD	1 1 0 2 R D 1296RD	1 2 8 9 R D 1378RD	1 3 6 9 R 1458RD	1 4 4 9 R D 1528RD	1 5 1 9 R D 1600RD	1 5 8 9 R D 1678RD
5 4 3 8 R 804BR	8 0 3 R D 884BR	8 7 5 R D 974BR	9 5 3 R D 1052BR	1 0 4 9 R 1130BR	1 1 2 9 R D 1210BR	1 1 0 3 R D 1298RD	1 2 8 9 R D 1380RD	1 3 6 9 R 1462BR	1 4 4 9 R D 1532BR	1 5 1 9 R D 1604BR	1 5 8 9 R D 1682BR

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS
OF POOR QUALITY



3000M	3420M	3800M	4200M	4600M	5000M	5400M	5800M	6130M	6490M	6800M	7210M
3050M	3430M	3830M	4240M	4650M	5070M	5490M	5910M	6140M	6500M	6840M	7220M
3060M	3440M	3840M	4250M	4660M	5080M	5500M	5920M	6150M	6510M	6850M	7230M
3070M	3450M	3850M	4260M	4670M	5090M	5510M	5930M	6160M	6520M	6860M	7240M
3080M	3460M	3860M	4270M	4680M	5100M	5520M	5940M	6170M	6530M	6870M	7250M
3090M	3470M	3870M	4280M	4690M	5110M	5530M	5950M	6180M	6540M	6880M	7260M
3100M	3480M	3880M	4290M	4700M	5120M	5540M	5960M	6190M	6550M	6890M	7270M
3110M	3490M	3890M	4300M	4710M	5130M	5550M	5970M	6200M	6560M	6900M	7280M
3120M	3500M	3900M	4310M	4720M	5140M	5560M	5980M	6210M	6570M	6910M	7290M
3130M	3510M	3910M	4320M	4730M	5150M	5570M	5990M	6220M	6580M	6920M	7300M
3140M	3520M	3920M	4330M	4740M	5160M	5580M	6000M	6230M	6590M	6930M	7310M
3150M	3530M	3930M	4340M	4750M	5170M	5590M	6010M	6240M	6600M	6940M	7320M
3160M	3540M	3940M	4350M	4760M	5180M	5600M	6020M	6250M	6610M	6950M	7330M
3170M	3550M	3950M	4360M	4770M	5190M	5610M	6030M	6260M	6620M	6960M	7340M
3180M	3560M	3960M	4370M	4780M	5200M	5620M	6040M	6270M	6630M	6970M	7350M
3190M	3570M	3970M	4380M	4790M	5210M	5630M	6050M	6280M	6640M	6980M	7360M
3200M	3580M	3980M	4390M	4800M	5220M	5640M	6060M	6290M	6650M	6990M	7370M
3210M	3590M	3990M	4400M	4810M	5230M	5650M	6070M	6300M	6660M	7000M	7380M
3220M	3600M	4000M	4410M	4820M	5240M	5660M	6080M	6310M	6670M	7010M	7390M
3230M	3610M	4010M	4420M	4830M	5250M	5670M	6090M	6320M	6680M	7020M	7400M
3240M	3620M	4020M	4430M	4840M	5260M	5680M	6100M	6330M	6690M	7030M	7410M
3250M	3630M	4030M	4440M	4850M	5270M	5690M	6110M	6340M	6700M	7040M	7420M
3260M	3640M	4040M	4450M	4860M	5280M	5700M	6120M	6350M	6710M	7050M	7430M
3270M	3650M	4050M	4460M	4870M	5290M	5710M	6130M	6360M	6720M	7060M	7440M
3280M	3660M	4060M	4470M	4880M	5300M	5720M	6140M	6370M	6730M	7070M	7450M
3290M	3670M	4070M	4480M	4890M	5310M	5730M	6150M	6380M	6740M	7080M	7460M
3300M	3680M	4080M	4490M	4900M	5320M	5740M	6160M	6390M	6750M	7090M	7470M
3310M	3690M	4090M	4500M	4910M	5330M	5750M	6170M	6400M	6760M	7100M	7480M
3320M	3700M	4100M	4510M	4920M	5340M	5760M	6180M	6410M	6770M	7110M	7490M
3330M	3710M	4110M	4520M	4930M	5350M	5770M	6190M	6420M	6780M	7120M	7500M
3340M	3720M	4120M	4530M	4940M	5360M	5780M	6200M	6430M	6790M	7130M	7510M
3350M	3730M	4130M	4540M	4950M	5370M	5790M	6210M	6440M	6800M	7140M	7520M
3360M	3740M	4140M	4550M	4960M	5380M	5800M	6220M	6450M	6810M	7150M	7530M
3370M	3750M	4150M	4560M	4970M	5390M	5810M	6230M	6460M	6820M	7160M	7540M
3380M	3760M	4160M	4570M	4980M	5400M	5820M	6240M	6470M	6830M	7170M	7550M
3390M	3770M	4170M	4580M	4990M	5410M	5830M	6250M	6480M	6840M	7180M	7560M
3400M	3780M	4180M	4590M	5000M	5420M	5840M	6260M	6490M	6850M	7190M	7570M
3410M	3790M	4190M	4600M	5010M	5430M	5850M	6270M	6500M	6860M	7200M	7580M
3420M	3800M	4200M	4610M	5020M	5440M	5860M	6280M	6510M	6870M	7210M	7590M
3430M	3810M	4210M	4620M	5030M	5450M	5870M	6290M	6520M	6880M	7220M	7600M
3440M	3820M	4220M	4630M	5040M	5460M	5880M	6300M	6530M	6890M	7230M	7610M
3450M	3830M	4230M	4640M	5050M	5470M	5890M	6310M	6540M	6900M	7240M	7620M
3460M	3840M	4240M	4650M	5060M	5480M	5900M	6320M	6550M	6910M	7250M	7630M
3470M	3850M	4250M	4660M	5070M	5490M	5910M	6330M	6560M	6920M	7260M	7640M
3480M	3860M	4260M	4670M	5080M	5500M	5920M	6340M	6570M	6930M	7270M	7650M
3490M	3870M	4270M	4680M	5090M	5510M	5930M	6350M	6580M	6940M	7280M	7660M
3500M	3880M	4280M	4690M	5100M	5520M	5940M	6360M	6590M	6950M	7290M	7670M
3510M	3890M	4290M	4700M	5110M	5530M	5950M	6370M	6600M	6960M	7300M	7680M
3520M	3900M	4300M	4710M	5120M	5540M	5960M	6380M	6610M	6970M	7310M	7690M
3530M	3910M	4310M	4720M	5130M	5550M	5970M	6390M	6620M	6980M	7320M	7700M
3540M	3920M	4320M	4730M	5140M	5560M	5980M	6400M	6630M	6990M	7330M	7710M
3550M	3930M	4330M	4740M	5150M	5570M	5990M	6410M	6640M	7000M	7340M	7720M
3560M	3940M	4340M	4750M	5160M	5580M	6000M	6420M	6650M	7010M	7350M	7730M
3570M	3950M	4350M	4760M	5170M	5590M	6010M	6430M	6660M	7020M	7360M	7740M
3580M	3960M	4360M	4770M	5180M	5600M	6020M	6440M	6670M	7030M	7370M	7750M
3590M	3970M	4370M	4780M	5190M	5610M	6030M	6450M	6680M	7040M	7380M	7760M
3600M	3980M	4380M	4790M	5200M	5620M	6040M	6460M	6690M	7050M	7390M	7770M
3610M	3990M	4390M	4800M	5210M	5630M	6050M	6470M	6700M	7060M	7400M	7780M
3620M	4000M	4400M	4810M	5220M	5640M	6060M	6480M	6710M	7070M	7410M	7790M
3630M	4010M	4410M	4820M	5230M	5650M	6070M	6490M	6720M	7080M	7420M	7800M
3640M	4020M	4420M	4830M	5240M	5660M	6080M	6500M	6730M	7090M	7430M	7810M
3650M	4030M	4430M	4840M	5250M	5670M	6090M	6510M	6740M	7100M	7440M	7820M
3660M	4040M	4440M	4850M	5260M	5680M	6100M	6520M	6750M	7110M	7450M	7830M
3670M	4050M	4450M	4860M	5270M	5690M	6110M	6530M	6760M	7120M	7460M	7840M
3680M	4060M	4460M	4870M	5280M	5700M	6120M	6540M	6770M	7130M	7470M	7850M
3690M	4070M	4470M	4880M	5290M	5710M	6130M	6550M	6780M	7140M	7480M	7860M
3700M	4080M	4480M	4890M	5300M	5720M	6140M	6560M	6790M	7150M	7490M	7870M
3710M	4090M	4490M	4900M	5310M	5730M	6150M	6570M	6800M	7160M	7500M	7880M
3720M	4100M	4500M	4910M	5320M	5740M	6160M	6580M	6810M	7170M	7510M	7890M
3730M	4110M	4510M	4920M	5330M	5750M	6170M	6590M	6820M	7180M	7520M	7900M
3740M	4120M	4520M	4930M	5340M	5760M	6180M	6600M	6830M	7190M	7530M	7910M
3750M	4130M	4530M	4940M	5350M	5770M	6190M	6610M	6840M	7200M	7540M	7920M
3760M	4140M	4540M	4950M	5360M	5780M	6200M	6620M	6850M	7210M	7550M	7930M
3770M	4150M	4550M	4960M	5370M	5790M	6210M	6630M	6860M	7220M	7560M	7940M
3780M	4160M	4560M	4970M	5380M	5800M	6220M	6640M	6870M	7230M	7570M	7950M
3790M	4170M	4570M	4980M	5390M	5810M	6230M	6650M	6880M	7240M	7580M	7960M
3800M	4180M	4580M	4990M	5400M	5820M	6240M	6660M	6890M	7250M	7590M	7970M
3810M	4190M	4590M	5000M	5410M	5830M	6250M	6670M	6900M	7260M	7600M	7980M
3820M	4200M	4600M	5010M	5420M	5840M	6260M	6680M	6910M	7270M	7610M	7990M
3830M	4210M	4610M	5020M	5430M	5850M	6270M	6690M	6920M	7280M	7620M	8000M
3840M	4220M	4620M	5030M	5440M	5860M	6280M	6700M	6930M	7290M	7630M	8010M
3850M	4230M	4630M	5040M	5450M	5870M	6290M	6710M	6940M	7300M	7640M	8020M
3860M	4240M	4640M	5050M	5460M	5880M	6300M	6720M	6950M	7310M	7650M	8030M
3870M	4250M	4650M	5060M	5470M	5890M	6310M	6730M	6960M	7320M	7660M	8040M
3880M	4260M	4660M	5070M	5480M	5900M	6320M	6740M	6970M	7330M	7670M	8050M
3890M	4270M	4670M	5080M	5490M	5910M	6330M	6750M	6980M	7340M	7680M	8060M
3900M	4280M	4680M	5090M	5500M	5920M	6340M	6760M	6990M	7350M	7690M	8070M
3910M	4290M	4690M	5100M	5510M	5930M	6350M	6770M	7000M	7360M	7700M	8080M
3920M	4300M	4700M	5110M	5520M	5940M	6360M	6780M	7010M	7370M	7710M	8090M
3930M	4310M	4710M	5120M	5530M	5950M	6370M	6790M	7020M	7380M	7720M	8100M
3940M	4320M	4720M	5130M	5540M	5960M	6380M	6800M	7030M	7390M	7730M	8110M
3950M	4330M	4730M	5140M	5550M	5970M	6390M	6810M	7040M	7400M	7740M	8120M
3960M	4340M	4740M	5150M	5560M	5980M	6400M	6820M	7050M	7410M	7750M	8130M
3970M	4350M	4750M	5160M	5570M	5990M	6410M	6830M	7060M	7420M	7760M	8140M
3980M	4360M	4760M	5170M	5580M	6000M	6420M	6840M	7070M	7430M	7770M	8150M
3990M	4370M	4770M	5180M	5590M	6010M	6430M	6850M	7080M	7440M	7780M	8160M
4000M	4380M	4780M	5190M	5600M	6020M	6440M	6860M	7090M	7450M	7790M	8170M
4010M	4390M	4790M	5200M	5610M	6030M	6450M	6870M	7100M	7460M	7800M	8180M
40											

ORIGINAL PAGE IS
OF POOR QUALITY

826RD	910RD	1000RD	1080RD	1154RD	1240RD	1302RD	1408RD	1484RD	1500RD	1620RD	1700RD
826RD	908RD	998RD	1079RD	1152RD	1238RD	1300RD	1406RD	1482RD	1554RD	1626RD	1704RD
824RD	906RD	996RD	1077RD	1150RD	1236RD	1298RD	1404RD				
822BR	904RD	994BR	1074RD	1148BR	1234BR	1296BR	1402RD	1480BR	1552BR	1624BR	1702BR
	902RD	992BR	1070BR		1232BR	1294BR	1400RD		1550BR	1622BR	1700BR
820RD	902RD			1146RD			1398BR	1478RD			1698RD
	898RD	990BR	1069BR		1230BR	1294RD	1398BR		1548RD	1620BR	1694RD
818BR	898RD	988BR	1068BR	1144BR	1228BR	1292BR	1394RD	1476BR	1536BR	1618BR	1692RD
	896RD	986RD	1066RD	1142RD	1226RD		1392RD	1474RD	1534RD	1616RD	1690RD
816RD	896RD	986RD	1064RD	1140RD	1224RD	1290RD	1390RD	1472RD	1532RD	1614RD	1688RD
814RD	894RD	984RD	1062RD	1138RD	1222RD	1288RD	1388RD	1470RD	1530RD	1612RD	1686RD
812RD	892RD	982RD	1060RD	1136RD	1220RD	1286RD	1386RD	1468RD	1528RD	1610RD	1684RD
	890RD	980BR	1058RD	1134RD	1218RD	1284RD	1384RD	1466RD	1526RD	1608RD	1682RD
808RD	888RD	978RD	1056RD	1132RD	1216RD	1282RD	1382RD	1464RD	1524RD	1606RD	1680RD
	886RD	976RD	1054RD	1130RD	1214RD	1280RD	1380RD	1462RD	1522RD	1604BR	1678BR
806RD	886RD	976RD	1052RD	1128RD	1212RD	1278RD	1378RD				
	884BR	974BR	1050BR	1126BR	1210BR	1276BR	1376BR				
804RD	884BR	974BR	1048BR	1124BR	1208BR	1274BR	1374BR				

ORIGINAL PAGE IS
OF POOR QUALITY

7

328	434	443	447	557	570	623	654	764	743	708	628	850
328	434	447	447	557	577	640	656	702	743	701	643	854
367	433	446	442	531	576	647	657	707	744	700	647	856
358	432	445	441	510	575	640	658	705				
365	431	444	446	522	574	645	653	705	749	777	643	857
	1716	443	434	1718	1720	644	654	1722	742	770	643	1724
364	433	442		531	573		653	707	741		644	856
	1717	441	428	1717	1721	629	652	1723	746	777	643	1725
244	446	440	427	530	572	642	651	705	749	776	643	855
240	440	439	435	527	570	644	650	702	750	775	641	854
247	447	428	425	520	571	640	654	701	737	774	640	853
245	445	437	434	527	575	641	655	700	733	773	639	852
	425	426		526	573	640	657	699	735	772	638	851
				525								
323	444	435	432	521	572	641	656	653	698	734	771	637
							650	654	653	697	733	770
362	443	434	431	523	572	645	652	651	696			
243	442	422	420	521	573	640	650	649	675	732	734	635

ORIGINAL PAGE IS
OF POOR QUALITY

3220M	3520M	4030M	4430M	4720M	5180M	5620M	5960M	6340M	6700M	7040M	7420M
3220M	3510M	4020M	4430M	4770M	5170M	5610M	5970M	6330M	6590M	7030M	7410M
3210M	3500M	4010M	4420M	4760M	5160M	5600M	5960M	6320M	6580M	7020M	7400M
3200M	3590M	3990M	4410M	4750M	5150M	5590M	5950M				
3190M	3570M	3980M	4390M	4740M	5130M	5580M	5930M	6310M	6670M	7010M	7390M
3180M	3560M	3970M	4380M	4730M	5120M	5570M	5920M	6290M	6650M	6990M	7370M
3170M	3550M	3960M	4370M	4720M	5110M	5560M	5910M	6280M	6640M	6980M	7360M
3160M	3540M	3950M	4360M	4710M	5100M	5550M	5900M	6270M	6630M	6970M	7350M
3150M	3530M	3940M	4350M	4700M	5090M	5540M	5890M	6260M	6620M	6960M	7340M
3140M	3520M	3930M	4340M	4690M	5080M	5530M	5880M	6250M	6610M	6950M	7330M
3130M	3510M	3920M	4330M	4680M	5070M	5520M	5870M	6240M	6600M	6940M	7320M
3120M	3500M	3910M	4320M	4670M	5060M	5510M	5860M	6230M	6590M	6930M	7310M

008	029	019	055	092	1071	1111	1144	1189	1225	1259
059	090	020	057	093	1072	1112	1145	1190	1235	1260
060	091	021	058	094	1073	1113	1146	1191	1236	1261
				095	1074	1114	1147	1192	1237	1262
021	051	092	022	059	1075	1115	1148	1193	1238	1263
				060	1076	1116	1149	1194	1239	1264
022	052	093	023	061	1077	1117	1150	1195	1240	1265
				062	1078	1118	1151	1196	1241	1266
023	053	094	024	063	1079	1119	1152	1197	1242	1267
				064	1080	1120	1153	1198	1243	1268
024	054	095	025	065	1081	1121	1154	1199	1244	1269
				066	1082	1122	1155	1200	1245	1270
				067	1083	1123	1156	1201	1246	1271
				068	1084	1124	1157	1202	1247	1272
				069	1085	1125	1158	1203	1248	1273
				070	1086	1126	1159	1204	1249	1274
				071	1087	1127	1160	1205	1250	1275
				072	1088	1128	1161	1206	1251	1276
				073	1089	1129	1162	1207	1252	1277
				074	1090	1130	1163	1208	1253	1278
				075	1091	1131	1164	1209	1254	1279
				076	1092	1132	1165	1210	1255	1280
				077	1093	1133	1166	1211	1256	1281
				078	1094	1134	1167	1212	1257	1282
				079	1095	1135	1168	1213	1258	1283
				080	1096	1136	1169	1214	1259	1284
				081	1097	1137	1170	1215	1260	1285
				082	1098	1138	1171	1216	1261	1286
				083	1099	1139	1172	1217	1262	1287
				084	1100	1140	1173	1218	1263	1288
				085	1101	1141	1174	1219	1264	1289
				086	1102	1142	1175	1220	1265	1290
				087	1103	1143	1176	1221	1266	1291
				088	1104	1144	1177	1222	1267	1292
				089	1105	1145	1178	1223	1268	1293
				090	1106	1146	1179	1224	1269	1294
				091	1107	1147	1180	1225	1270	1295
				092	1108	1148	1181	1226	1271	1296
				093	1109	1149	1182	1227	1272	1297
				094	1110	1150	1183	1228	1273	1298
				095	1111	1151	1184	1229	1274	1299
				096	1112	1152	1185	1230	1275	1300
				097	1113	1153	1186	1231	1276	1301
				098	1114	1154	1187	1232	1277	1302
				099	1115	1155	1188	1233	1278	1303
				100	1116	1156	1189	1234	1279	1304
				101	1117	1157	1190	1235	1280	1305
				102	1118	1158	1191	1236	1281	1306
				103	1119	1159	1192	1237	1282	1307
				104	1120	1160	1193	1238	1283	1308
				105	1121	1161	1194	1239	1284	1309
				106	1122	1162	1195	1240	1285	1310
				107	1123	1163	1196	1241	1286	1311
				108	1124	1164	1197	1242	1287	1312
				109	1125	1165	1198	1243	1288	1313
				110	1126	1166	1199	1244	1289	1314
				111	1127	1167	1200	1245	1290	1315
				112	1128	1168	1201	1246	1291	1316
				113	1129	1169	1202	1247	1292	1317
				114	1130	1170	1203	1248	1293	1318
				115	1131	1171	1204	1249	1294	1319
				116	1132	1172	1205	1250	1295	1320
				117	1133	1173	1206	1251	1296	1321
				118	1134	1174	1207	1252	1297	1322
				119	1135	1175	1208	1253	1298	1323
				120	1136	1176	1209	1254	1299	1324
				121	1137	1177	1210	1255	1300	1325
				122	1138	1178	1211	1256	1301	1326
				123	1139	1179	1212	1257	1302	1327
				124	1140	1180	1213	1258	1303	1328
				125	1141	1181	1214	1259	1304	1329
				126	1142	1182	1215	1260	1305	1330
				127	1143	1183	1216	1261	1306	1331
				128	1144	1184	1217	1262	1307	1332
				129	1145	1185	1218	1263	1308	1333
				130	1146	1186	1219	1264	1309	1334
				131	1147	1187	1220	1265	1310	1335
				132	1148	1188	1221	1266	1311	1336
				133	1149	1189	1222	1267	1312	1337
				134	1150	1190	1223	1268	1313	1338
				135	1151	1191	1224	1269	1314	1339
				136	1152	1192	1225	1270	1315	1340
				137	1153	1193	1226	1271	1316	1341
				138	1154	1194	1227	1272	1317	1342
				139	1155	1195	1228	1273	1318	1343
				140	1156	1196	1229	1274	1319	1344
				141	1157	1197	1230	1275	1320	1345
				142	1158	1198	1231	1276	1321	1346
				143	1159	1199	1232	1277	1322	1347
				144	1160	1200	1233	1278	1323	1348
				145	1161	1201	1234	1279	1324	1349
				146	1162	1202	1235	1280	1325	1350
				147	1163	1203	1236	1281	1326	1351
				148	1164	1204	1237	1282	1327	1352
				149	1165	1205	1238	1283	1328	1353
				150	1166	1206	1239	1284	1329	1354
				151	1167	1207	1240	1285	1330	1355
				152	1168	1208	1241	1286	1331	1356
				153	1169	1209	1242	1287	1332	1357
				154	1170	1210	1243	1288	1333	1358
				155	1171	1211	1244	1289	1334	1359
				156	1172	1212	1245	1290	1335	1360
				157	1173	1213	1246	1291	1336	1361
				158	1174	1214	1247	1292	1337	1362
				159	1175	1215	1248	1293	1338	1363
				160	1176	1216	1249	1294	1339	1364
				161	1177	1217	1250	1295	1340	1365
				162	1178	1218	1251	1296	1341	1366
				163	1179	1219	1252	1297	1342	1367
				164	1180	1220	1253	1298	1343	1368
				165	1181	1221	1254	1299	1344	1369
				166	1182	1222	1255	1300	1345	1370
				167	1183	1223	1256	1301	1346	1371
				168	1184	1224	1257	1302	1347	1372
				169	1185	1225	1258	1303	1348	1373
				170	1186	1226	1259	1304	1349	1374
				171	1187	1227	1260	1305	1350	1375
				172	1188	1228	1261	1306	1351	1376
				173	1189	1229	1262	1307	1352	1377
				174	1190	1230	1263	1308	1353	1378
				175	1191	1231	1264	1309	1354	1379
				176	1192	1232	1265	1310	1355	1380
				177	1193	1233	1266	1311	1356	1381
				178	1194	1234	1267	1312	1357	1382
				179	1195	1235	1268	1313	1358	1383
				180	1196	1236	1269	1314	1359	1384
				181	1197	1237	1270	1315	1360	1385
				182	1198	1238	1271	1316	1361	1386
				183	1199	1239	1272	1317	1362	1387
				184	1200	1240	1273	1318	1363	1388
				185	1201	1241	1274	1319	1364	1389
				186	1202	1242	1275	1320	1365	1390
				187	1203	1243	1276	1321	1366	1391
				188	1204	1244	1277	1322	1367	1392
				189	1205	1245	1278	1323	1368	1393
				190	1206	1246	1279	1324	1369	1394
				191	1207	1247	1280	1325	1370	1395
				192	1208	1248	1281	1326	1371	1396
				193	1209	1249	1282	1327	1372	1397
				194	1210	1250	1283	1328	1373	1398
				195	1211	1251	1284	1329	1374	1399
				196	1212	1252	1285	1330	1375	1400
				197	1213	1253	1286	1331	1376	1401
				198	1214	1254	1287	1332	1377	1402
				199	1215	1255	1288	1333	1378	1403
				20						

SET 15

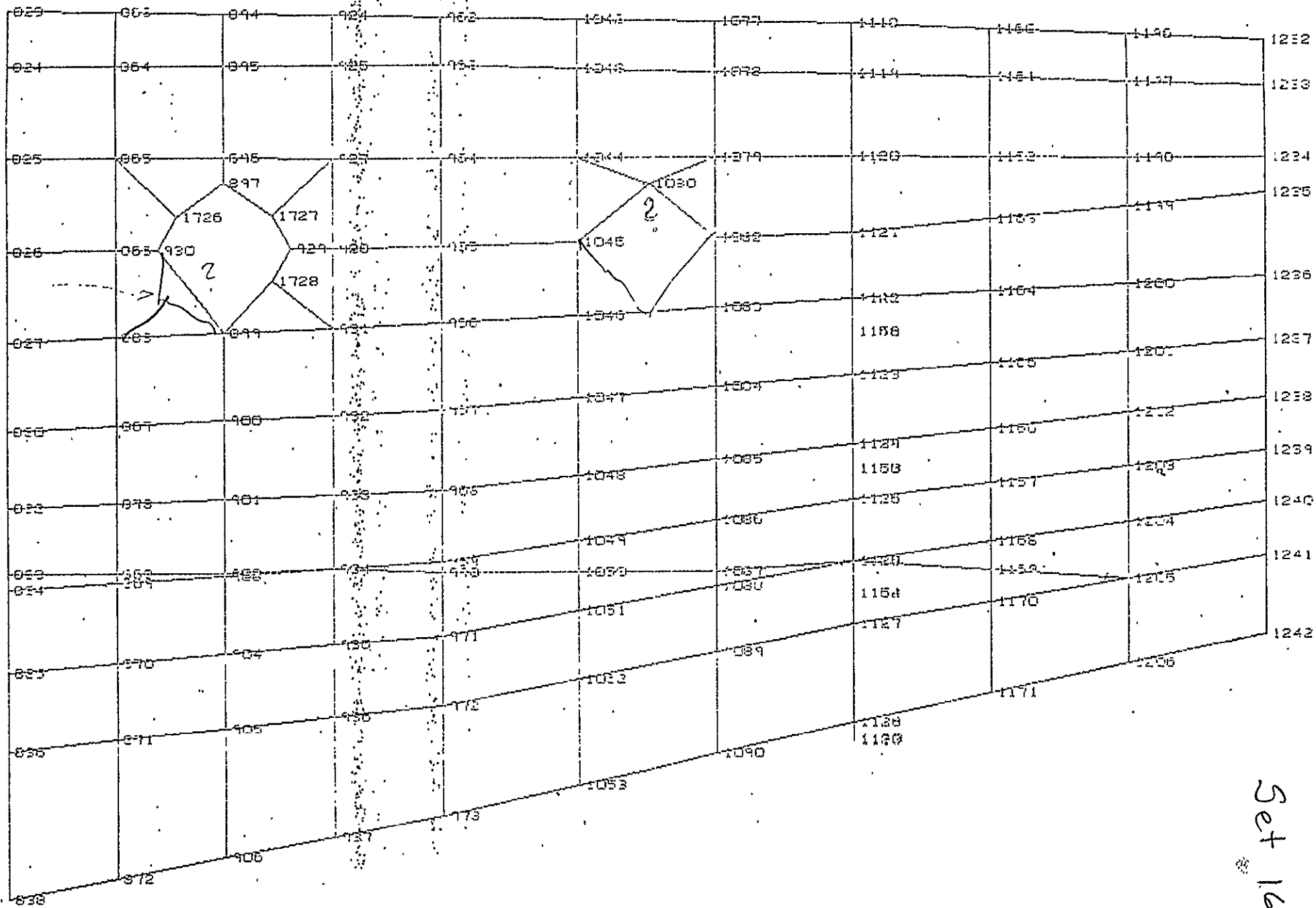
1764RD	1824RD	1884RD	1962RD	2124RD	2202RD	2270RD	2342RD	2414RD	2482RD
1 J O 3 R R 1765RD	1 7 6 3 R D 1826RD	1 8 2 5 R D 1886RD	1 8 8 5 R D 1964RD	1 9 6 3 R R 2126RD	2 1 2 3 R D 2204RD	2 2 7 0 R D 2272RD	2 3 4 2 R D 2344RD	2 4 1 4 R D 2416RD	2 4 8 2 R D 2484RD
1 6 2 2 J B R 1768RD	1 7 6 7 R D 1836RD	1 8 2 7 R D 1889RD	1 8 8 7 R D 1966RD	1 9 6 5 R R 1968RD	2 2 0 5 R D 2206RD	2 2 7 4 R D 2274RD	2 3 4 6 R D 2346RD	2 4 1 8 R D 2418RD	2 4 8 6 R D 2486RD
1 6 2 2 4 B R 1769RD	1 7 6 7 R D 1770RD	1 7 6 9 R D 1830RD	1 8 8 9 R D 1890RD	1 9 7 0 B R 1970BR	2 1 2 8 B R 2128BR	2 2 7 5 R D 2275RD	2 3 4 8 B R 2348BR	2 4 2 0 B R 2420BR	2 4 8 7 B R 2487BR
1 6 3 1 B R 1710RD	1 7 0 9 R D 1773RD	1 7 7 1 R D 1833RD	1 8 3 1 R D 1892RD	1 9 7 4 B R 1974BR	2 1 3 2 B R 2132BR	2 2 0 8 R D 2208RD	2 2 7 8 R D 2278RD	2 3 5 0 R D 2350RD	2 4 2 2 R D 2422RD
1 6 3 1 B R 1710RD	1 7 0 9 R D 1773RD	1 7 7 1 R D 1833RD	1 8 3 1 R D 1892RD	1 9 7 4 B R 1974BR	2 1 3 2 B R 2132BR	2 2 1 0 B R 2210BR	2 2 8 0 B R 2280BR	2 3 5 2 S R 2352SR	2 4 2 4 B R 2424BR
1 6 3 3 B R 1712RD	1 7 1 1 R D 1774RD	1 7 7 3 R D 1834RD	1 8 3 3 R D 1894RD	1 9 7 6 R D 1976RD	2 1 3 4 R D 2134RD	2 2 1 2 R D 2212RD	2 2 8 2 R D 2282RD	2 3 5 4 R D 2354RD	2 4 2 6 R D 2426RD
1 6 3 3 B R 1712RD	1 7 1 1 R D 1774RD	1 7 7 3 R D 1834RD	1 8 3 3 R D 1894RD	1 9 7 6 R D 1976RD	2 1 3 4 R D 2134RD	2 2 1 4 R D 2214RD	2 2 8 4 R D 2284RD	2 3 5 6 R D 2356RD	2 4 2 8 R D 2428RD
1 6 3 5 B R 1714RD	1 7 1 3 R D 1776RD	1 7 7 5 R D 1836RD	1 8 3 5 R D 1896RD	1 9 8 0 R D 1980RD	2 1 3 6 R D 2136RD	2 2 1 6 R D 2216RD	2 2 8 6 R D 2286RD	2 3 5 8 R D 2358RD	2 4 3 0 R D 2430RD

773QM	801QM	830QM	867QM	950QM	988QM	1024QM	1072QM	1103QM	1143QM
774QM	802QM	831QM	868QM	951QM	989QM	1025QM	1073QM	1109QM	1144QM
775QM	803QM	832QM	869QM	870QM	952QM	990QM	1026QM	1074QM	1110QM
				871QM	953QM	991QM	1027QM	1075QM	1111QM
774QM	776QM	804QM	833QM	872QM	954QM	992QM	1028QM	1076QM	1112QM
				873QM	955QM	993QM	1029QM	1077QM	1113QM
775QM	777QM	805QM	834QM	874QM	956QM	994QM	1030QM	1078QM	1114QM
746QM	778QM	806QM	835QM	875QM	957QM	995QM	1031QM	1079QM	1115QM
				876QM	958QM	996QM	1032QM	1080QM	1116QM
747QM	779QM	807QM	836QM	877QM					

023	062	094	124	162	1042	1074	1112	1160	1196	1232
024	064	095	125	163	1043	1075	1113	1161	1197	1233
025	065	096	127	164	1044	1076	1120	1162	1198	1234
		1726			1734					
		1727			1081					
026	066	097	128	165	1045	1077	1121	1163	1199	1235
		1728			1735					
		1729			1082					
		098			1736					
027	068	099	131	166	1046	1078	1122	1164	1200	1236
					1083					
					1737					
					1084					
030	069	100	132	167	1047	1079	1123	1165	1201	1237
					1085					
					1738					
032	070	101	133	168	1048	1080	1124	1166	1202	1238
					1086					
033	071	102	134	169	1049	1081	1125	1167	1203	1239
034	072	103	135	170	1050	1082	1126	1168	1204	1240
					1087					
035	073	104	136	171	1051	1083	1127	1169	1205	1241
					1088					
036	074	105	137	172	1052	1084	1128	1170	1206	1242
					1089					
038	075	106	138	173	1053	1085	1129	1171		
					1090					
					1739					
					1091					

ORIGINAL PAGE IS
OF POOR QUALITY

Set 16



Set 16

SET 17.

838	872	905	937	973	1003	1090	1128	1171	1206	1242
839	872	907	939	975	1054	1091	1129	1172	1209	1243
840	874	908	939	974	1055	1092	1130	1173	1209	1244
841	875	909	940	975	1056	1093	1131	1174	1210	1245
842	875	910	941	976	1057	1094	1132	1175	1211	1246
843	877	911	942	977	1058	1095	1133	1176	1212	1247
844	878	913	944	979	1059	1096	1134	1177	1213	1248
845	881	914	945	980	1060	1097	1135	1178	1214	1249
846	883	915	947	982	1061	1098	1136	1179	1215	1250

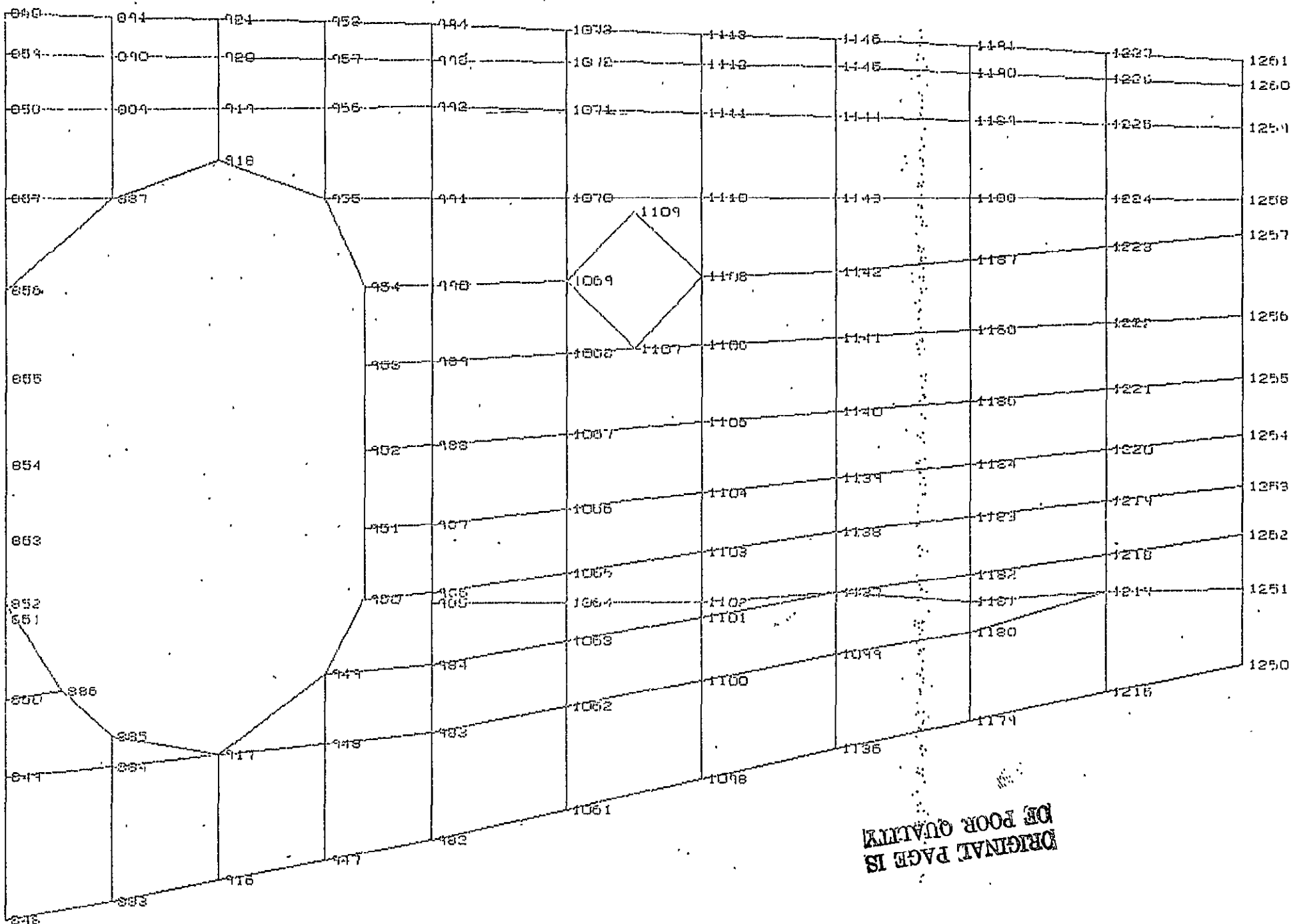
SET 17

2447E
498A51E
498A53E
498A55E
498A57E
498A59E
618R

7570M	7870M	8170M	8470M	9320M	9690M	10050M	10340M	10400M	11250M
7580M	7880M	8180M	8480M	9330M	9700M	10060M	10350M	10410M	11260M
7590M	7890M	8190M	8490M	9340M	9710M	10070M	10360M	10420M	11270M
7600M	7900M	8200M	8500M	9350M	9720M	10080M	10370M	10430M	11280M
7610M	7910M		8510M	9360M	9730M	10090M	10380M	10440M	11290M
7630M	7930M	8230M	8530M	9370M	9740M	10100M	10390M	10450M	11300M
7640M	7940M	8240M	8540M	9380M	9750M	10110M	10400M	10460M	11310M
7550M	7950M	8250M	8550M	9390M	9760M	10120M	10410M	10470M	11320M

ORIGINAL PAGE IS
OF POOR QUALITY

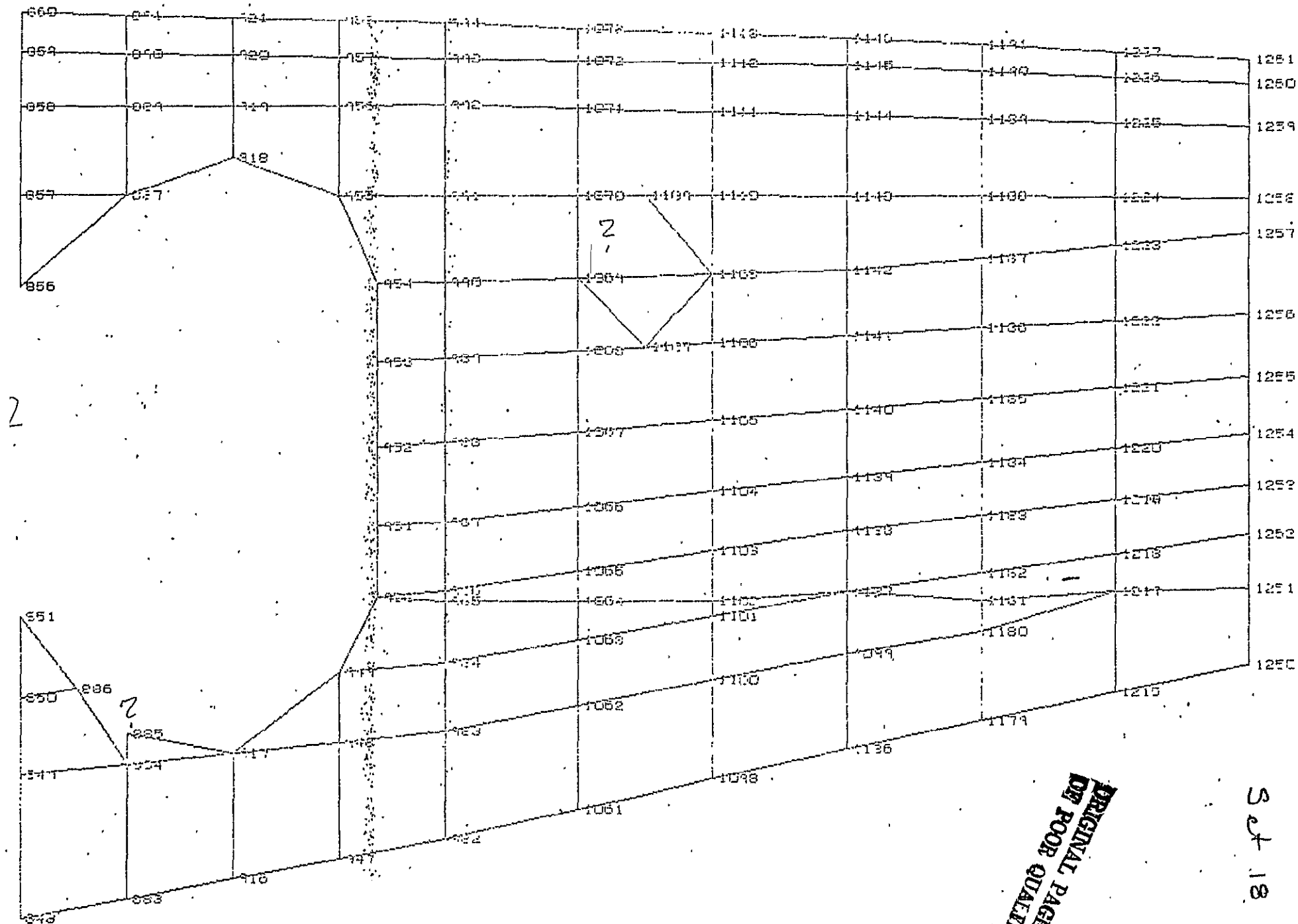
SET 18



ORIGINAL PAGE IS
OF POOR QUALITY

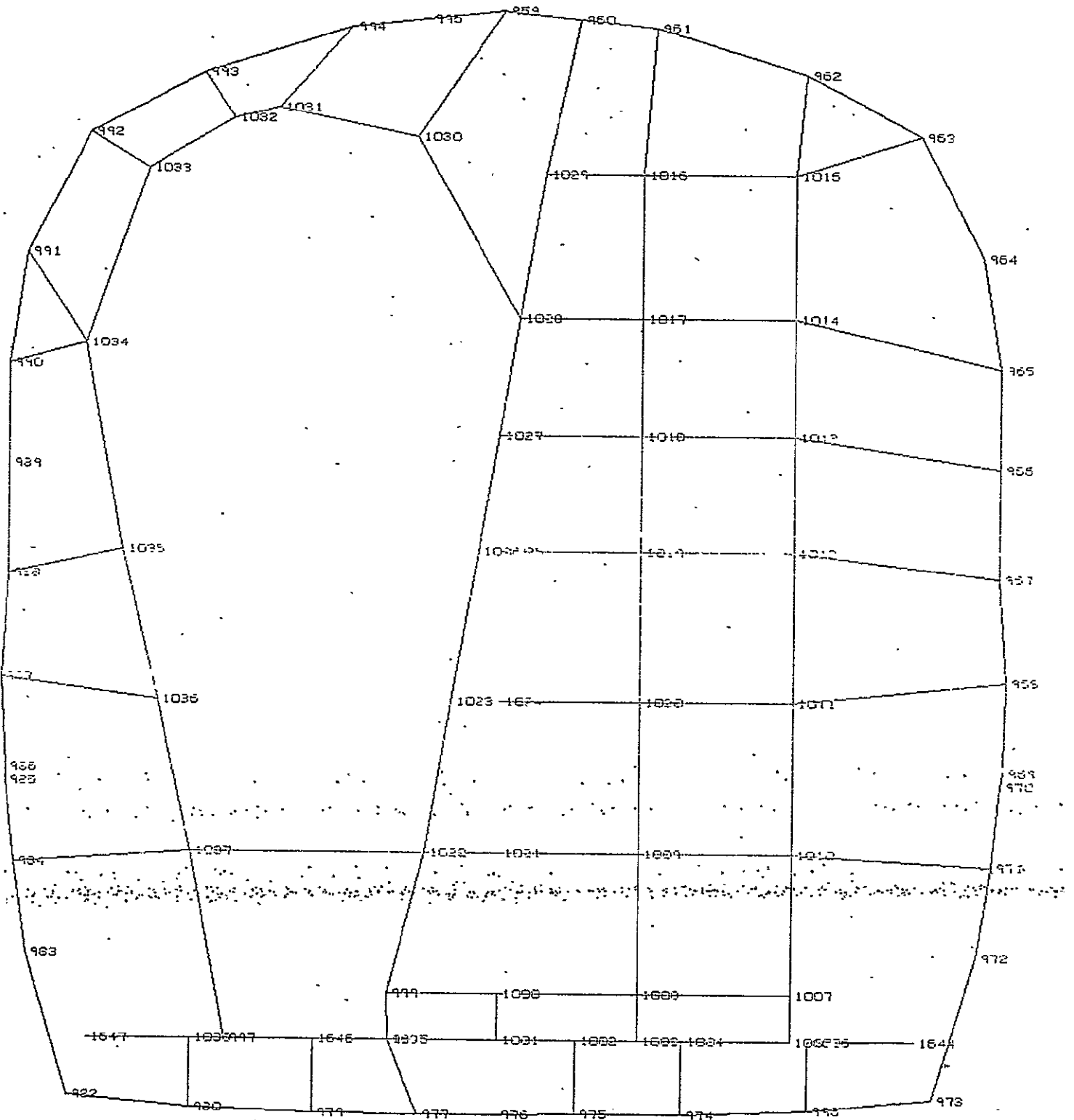
SET 18

1708RD	1828RD	1898RD	1968RD	1968RD	2200RD	2274RD	2346RD	2416RD	2486RD
1706RD	1826RD	1896RD	1964RD	2126RD	2204RD	2272RD	2344RD	2414RD	2484RD
1704RD	1824RD	1894RD	1962RD	2124RD	2202RD	2270RD	2342RD	2412RD	2482RD
1702RD	1822RD	1892RD	1960RD	2122RD	2200RD	2268RD	2340RD	2410RD	2480RD
1701BR			1958RD	2120RD	2198RD	2266RD	2338RD	2408RD	2478RD
			1954RD	2116RD	2194RD	2264RD	2336RD	2406RD	2476RD
			1952RD	2116RD	2190RD	2262RD	2334RD	2404RD	2472RD
			1948RD	2114RD	2188RD	2260RD	2332RD	2402RD	2470RD
			1944RD	2112RD	2186RD	2258RD	2330RD	2400RD	2468RD
				2108RD	2184RD	2256RD	2328RD	2398RD	2466RD
			1940RD	2106RD	2182RD	2254RD	2324RD		
			1938RD	2104RD	2180RD	2252RD	2322RD		
			1936RD		2178RD				
1756RD	1821BR	1880RD	1938RD						
	1820RD								
		1878BR	1936BR						
1754BR	1818BR								



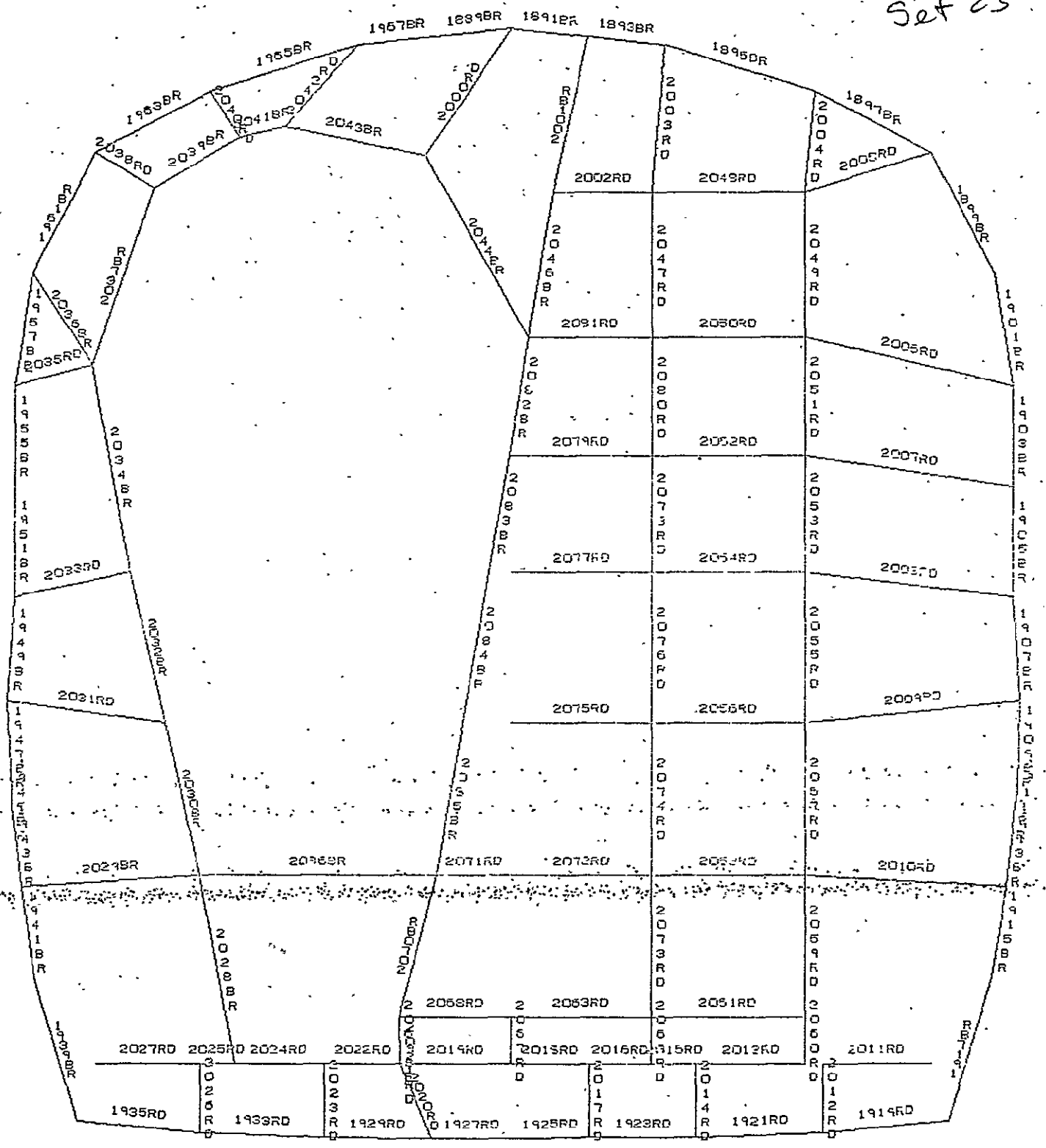
7740M	8020M	8210M	8480M	9510M	9890M	10250M	10730M	11090M	11440M	
7730M	8010M	8200M	8470M	9500M	9880M	10240M	10720M	11080M	11430M	
7720M	8000M	8290M	8660M	9490M	9870M	10230M	10710M	11070M	11420M	
7710M	ORIGINAL PAGE IS OF POOR QUALITY			8580M	9480M	9860M	10220M	10700M	11060M	11410M
8640M				9470M	9850M	10210M	10690M	11050M	11400M	
8630M				9460M	9840M	10200M	10680M	11040M	11390M	
8620M				9450M	9830M	10190M	10670M	11030M	11380M	
8610M				9440M	9820M	10180M	10660M	11020M	11370M	
8600M				9430M	9810M	10170M	10650M	11010M	11360M	
8590M				9420M	9800M	10160M	10640M	11000M	11350M	
8580M				9410M	9790M	10150M	10630M	10990M	11340M	
8570M				9400M	9780M	10140M	10620M	10980M		
8560M					9770M					
7690M	7990M	8280M	8580M							
7680M										
7670M										
7660M										

Set 23



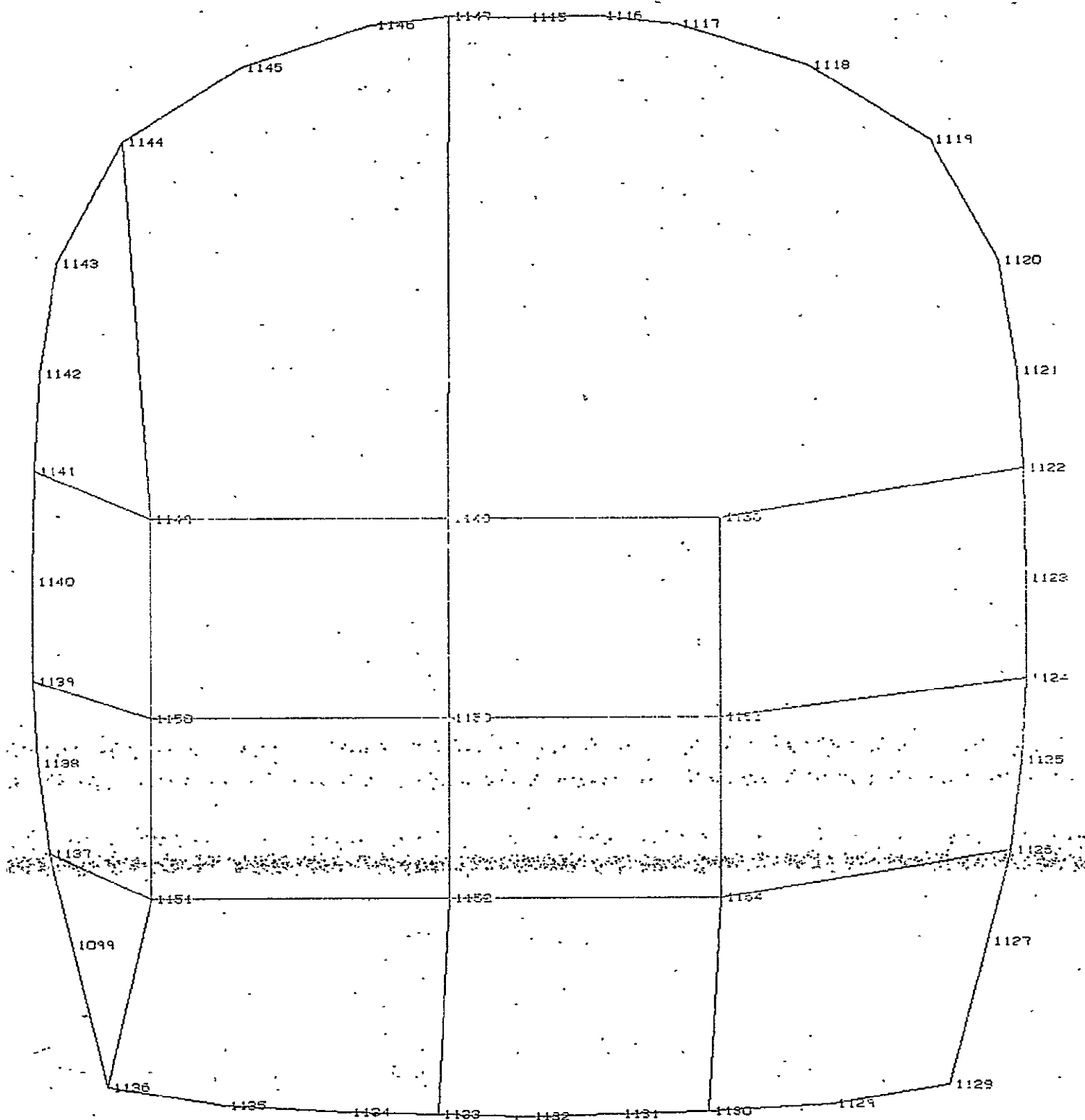
ES. . USELAGE
INDEFORMED SHAPE

Set 23



TEST FUSELAGE
UNDEFORMED SHAPE

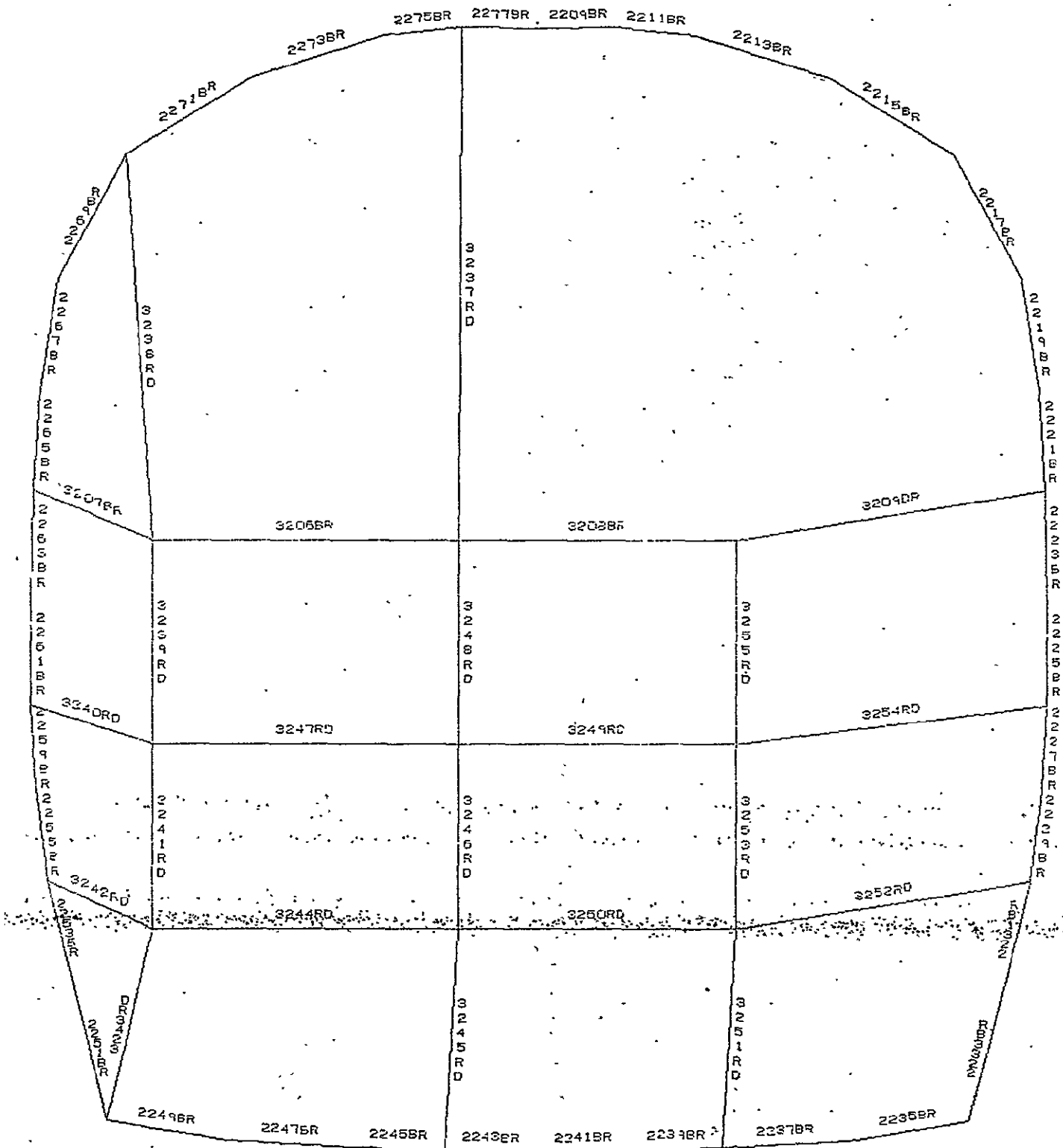
Set 24



TEST FUSELAGE
UNDEFORMED SHAPE

**ORIGINAL PAGE IS
OF POOR QUALITY**

Set 24



ST FUSELAGE
DEFORMED SHAPE

ORIGINAL PAGE IS
OF POOR QUALITY

1259	1293	1378	1360	1342	1412	1444	1430	1496
1260	1294	1379	1361	1343	1413	1445	1431	1497
1261	1295	1380	1362	1344	1414	1446	1432	1498
1262	1296	1381	1363	1345				
1263	1297	1382	1364	1346	1415	1447	1433	1499
1264	1298	1383	1365	1347				
1265	1299	1384	1366	1348	1416	1448	1434	1500
1266	1300	1385	1367	1349				
1267	1301	1386	1368	1350	1417	1449	1435	1501
1268	1302	1387	1369	1351				
1269	1303	1388	1370	1352	1418	1450	1436	1502
1270	1304	1389	1371	1353				
1271	1305	1390	1372	1354	1419	1451	1437	1503
1272	1306	1391	1373	1355				
1273	1307	1392	1374	1356	1420	1452	1438	1504
1274	1308	1393	1375	1357				
1275	1309	1394	1376	1358	1421	1453	1439	1505
1276	1310	1395	1377	1359				
1277	1311	1396	1378	1360	1422	1454	1440	1506
1278	1312	1397	1379	1361				
1279	1313	1398	1380	1362	1423	1455	1441	1507
1280	1314	1399	1381	1363				
1281	1315	1400	1382	1364	1424	1456	1442	1508
1282	1316	1401	1383	1365				
1283	1317	1402	1384	1366	1425	1457	1443	1509
1284	1318	1403	1385	1367				
1285	1319	1404	1386	1368	1426	1458	1444	1510
1286	1320	1405	1387	1369				
1287	1321	1406	1388	1370	1427	1459	1445	1511
1288	1322	1407	1389	1371				
1289	1323	1408	1390	1372	1428	1460	1446	1512
1290	1324	1409	1391	1373				
1291	1325	1410	1392	1374	1429	1461	1447	1513
1292	1326	1411	1393	1375				
1293	1327	1412	1394	1376	1430	1462	1448	1514
1294	1328	1413	1395	1377				
1295	1329	1414	1396	1378	1431	1463	1449	1515
1296	1330	1415	1397	1379				
1297	1331	1416	1398	1380	1432	1464	1450	1516
1298	1332	1417	1399	1381				
1299	1333	1418	1400	1382	1433	1465	1451	1517
1300	1334	1419	1401	1383				
1301	1335	1420	1402	1384	1434	1466	1452	1518
1302	1336	1421	1403	1385				
1303	1337	1422	1404	1386	1435	1467	1453	1519
1304	1338	1423	1405	1387				
1305	1339	1424	1406	1388	1436	1468	1454	1520
1306	1340	1425	1407	1389				
1307	1341	1426	1408	1390	1437	1469	1455	1521
1308	1342	1427	1409	1391				
1309	1343	1428	1410	1392	1438	1470	1456	1522
1310	1344	1429	1411	1393				
1311	1345	1430	1412	1394	1439	1471	1457	1523
1312	1346	1431	1413	1395				
1313	1347	1432	1414	1396	1440	1472	1458	1524
1314	1348	1433	1415	1397				
1315	1349	1434	1416	1398	1441	1473	1459	1525
1316	1350	1435	1417	1399				
1317	1351	1436	1418	1400	1442	1474	1460	1526
1318	1352	1437	1419	1401				
1319	1353	1438	1420	1402	1443	1475	1461	1527
1320	1354	1439	1421	1403				
1321	1355	1440	1422	1404	1444	1476	1462	1528
1322	1356	1441	1423	1405				
1323	1357	1442	1424	1406	1445	1477	1463	1529
1324	1358	1443	1425	1407				
1325	1359	1444	1426	1408	1446	1478	1464	1530
1326	1360	1445	1427	1409				
1327	1361	1446	1428	1410	1447	1479	1465	1531
1328	1362	1447	1429	1411				
1329	1363	1448	1430	1412	1448	1480	1466	1532
1330	1364	1449	1431	1413				
1331	1365	1450	1432	1414	1449	1481	1467	1533
1332	1366	1451	1433	1415				
1333	1367	1452	1434	1416	1450	1482	1468	1534
1334	1368	1453	1435	1417				
1335	1369	1454	1436	1418	1451	1483	1469	1535
1336	1370	1455	1437	1419				
1337	1371	1456	1438	1420	1452	1484	1470	1536
1338	1372	1457	1439	1421				
1339	1373	1458	1440	1422	1453	1485	1471	1537
1340	1374	1459	1441	1423				
1341	1375	1460	1442	1424	1454	1486	1472	1538
1342	1376	1461	1443	1425				
1343	1377	1462	1444	1426	1455	1487	1473	1539
1344	1378	1463	1445	1427				
1345	1379	1464	1446	1428	1456	1488	1474	1540
1346	1380	1465	1447	1429				
1347	1381	1466	1448	1430	1457	1489	1475	1541
1348	1382	1467	1449	1431				
1349	1383	1468	1450	1432	1458	1490	1476	1542
1350	1384	1469	1451	1433				
1351	1385	1470	1452	1434	1459	1491	1477	1543
1352	1386	1471	1453	1435				
1353	1387	1472	1454	1436	1460	1492	1478	1544
1354	1388	1473	1455	1437				
1355	1389	1474	1456	1438	1461	1493	1479	1545
1356	1390	1475	1457	1439				
1357	1391	1476	1458	1440	1462	1494	1480	1546
1358	1392	1477	1459	1441				
1359	1393	1478	1460	1442	1463	1495	1481	1547
1360	1394	1479	1461	1443				
1361	1395	1480	1462	1444	1464	1496	1482	1548
1362	1396	1481	1463	1445				
1363	1397	1482	1464	1446	1465	1497	1483	1549
1364	1398	1483	1465	1447				
1365	1399	1484	1466	1448	1466	1498	1484	1550
1366	1400	1485	1467	1449				
1367	1401	1486	1468	1450	1467	1499	1485	1551
1368	1402	1487	1469	1451				
1369	1403	1488	1470	1452	1468	1500	1486	1552
1370	1404	1489	1471	1453				
1371	1405	1490	1472	1454	1469	1501	1487	1553
1372	1406	1491	1473	1455				
1373	1407	1492	1474	1456	1470	1502	1488	1554
1374	1408	1493	1475	1457				
1375	1409	1494	1476	1458	1471	1503	1489	1555
1376	1410	1495	1477	1459				
1377	1411	1496	1478	1460	1472	1504	1490	1556
1378	1412	1497	1479	1461				
1379	1413	1498	1480	1462	1473	1505	1491	1557
1380	1414	1499	1481	1463				
1381	1415	1500	1482	1464	1474	1506	1492	1558
1382	1416	1501	1483	1465				
1383	1417	1502	1484	1466	1475	1507	1493	1559
1384	1418	1503	1485	1467				
1385	1419	1504	1486	1468	1476	1508	1494	1560
1386	1420	1505	1487	1469				
1387	1421	1506	1488	1470	1477	1509	1495	1561
1388	1422	1507	1489	1471				
1389	1423	1508	1490	1472	1478	1510	1496	1562
1390	1424	1509	1491	1473				
1391	1425	1510	1492	1474	1479	1511	1497	1563
1392	1426	1511	1493	1475				
1393	1427	1512	1494	1476	1480	1512	1498	1564
1394	1428	1513	1495	1477				
1395	1429	1514	1496	1478	1481	1513	1499	1565
1396	1430	1515	1497	1479				
1397	1431	1516	1498	1480	1482	1514	1500	1566
1398	1432	1517	1499	1481				
1399	1433	1518	1500	1482	1483	1515	1501	1567
1400	1434	1519	1501	1483				
1401	1435	1520	1502	1484	1484	1516	1502	1568
1402	1436	1521	1503	1485				
1403	1437	1522	1504	1486	1485	1517	1503	1569
1404	1438	1523	1505	1487				
1405	1439	1524	1506	1488	1486	1518	1504	1570
1406	1440	1525	1507	1489				
1407	1441	1526	1508	1490	1487	1519	1505	1571
1408	1442	1527	1509	1491				
1409	1443	1528	1510	1492	1488	1520	1506	1572
1410	1444	1529	1511	1493				
1411	1445	1530	1512	1494	1489	1521	1507	1573
1412	1446	1531	1513	1495				
1413	1447	1532	1514	1496	1490	1522	1508	1574
1414	1448	1533	1515	1497				
1415	1449	1534	1516	1498	1491	1523	1509	1575
1416	1450	1535	1517	1499				
1417	1451	1536	1518	1500	1492	1524	1510	1576
1418	1452	1537	1519					

ORIGINAL PAGE IS
OF POOR QUALITY

2481BR	2616RD	2680RD	2752RD	2804RD	2856RD	2908RD	2960RD
2483BR	2618RD	2690RD	2754RD	2806RD	2858RD	2910RD	2962RD
2485BR	2620RD	2692RD	2756RD	2808RD	2860RD	2912RD	2964RD
2487BR	3205BR	2622RD	2694BR	2810RD	2862RD	2914RD	2966RD
2489BR	2488RD	2624RD	2696RD	2758RD	2812RD	2864RD	2916RD
2491BR	2490BR	2626RD	2698RD	2760RD	2814RD	2866RD	2918RD
2493BR	2492RD	2628RD	2700RD	2762RD	2816RD	2868RD	2920RD
2495BR	2494RD	2630RD	2702RD	2764RD			
2497BR	2496RD	2632RD	2704RD				
2499BR		2634RD					
2501BR		2636RD					
2503BR		2638RD					
2505BR		2640RD					
2507BR		2642RD					
2509BR		2644RD					
2511BR		2646RD					
2513BR		2648RD					
2515BR		2650RD					
2517BR		2652RD					
2519BR		2654RD					
2521BR		2656RD					
2523BR		2658RD					
2525BR		2660RD					
2527BR		2662RD					
2529BR		2664RD					
2531BR		2666RD					
2533BR		2668RD					
2535BR		2670RD					
2537BR		2672RD					
2539BR		2674RD					
2541BR		2676RD					
2543BR		2678RD					
2545BR		2680RD					
2547BR		2682RD					
2549BR		2684RD					
2551BR		2686RD					
2553BR		2688RD					
2555BR		2690RD					
2557BR		2692RD					
2559BR		2694RD					
2561BR		2696RD					
2563BR		2698RD					
2565BR		2700RD					
2567BR		2702RD					
2569BR		2704RD					
2571BR		2706RD					
2573BR		2708RD					
2575BR		2710RD					
2577BR		2712RD					
2579BR		2714RD					
2581BR		2716RD					
2583BR		2718RD					
2585BR		2720RD					
2587BR		2722RD					
2589BR		2724RD					
2591BR		2726RD					
2593BR		2728RD					
2595BR		2730RD					
2597BR		2732RD					
2599BR		2734RD					
2601BR		2736RD					
2603BR		2738RD					
2605BR		2740RD					
2607BR		2742RD					
2609BR		2744RD					
2611BR		2746RD					
2613BR		2748RD					
2615BR		2750RD					
2617BR		2752RD					
2619BR		2754RD					
2621BR		2756RD					
2623BR		2758RD					
2625BR		2760RD					
2627BR		2762RD					
2629BR		2764RD					
2631BR		2766RD					
2633BR		2768RD					
2635BR		2770RD					
2637BR		2772RD					
2639BR		2774RD					
2641BR		2776RD					
2643BR		2778RD					
2645BR		2780RD					
2647BR		2782RD					
2649BR		2784RD					
2651BR		2786RD					
2653BR		2788RD					
2655BR		2790RD					
2657BR		2792RD					
2659BR		2794RD					
2661BR		2796RD					
2663BR		2798RD					
2665BR		2800RD					
2667BR		2802RD					
2669BR		2804RD					
2671BR		2806RD					
2673BR		2808RD					
2675BR		2810RD					
2677BR		2812RD					
2679BR		2814RD					
2681BR		2816RD					
2683BR		2818RD					
2685BR		2820RD					
2687BR		2822RD					
2689BR		2824RD					
2691BR		2826RD					
2693BR		2828RD					
2695BR		2830RD					
2697BR		2832RD					
2699BR		2834RD					
2701BR		2836RD					
2703BR		2838RD					
2705BR		2840RD					
2707BR		2842RD					
2709BR		2844RD					
2711BR		2846RD					
2713BR		2848RD					
2715BR		2850RD					
2717BR		2852RD					
2719BR		2854RD					
2721BR		2856RD					
2723BR		2858RD					
2725BR		2860RD					
2727BR		2862RD					
2729BR		2864RD					
2731BR		2866RD					
2733BR		2868RD					
2735BR		2870RD					
2737BR		2872RD					
2739BR		2874RD					
2741BR		2876RD					
2743BR		2878RD					
2745BR		2880RD					
2747BR		2882RD					
2749BR		2884RD					
2751BR		2886RD					
2753BR		2888RD					
2755BR		2890RD					
2757BR		2892RD					
2759BR		2894RD					
2761BR		2896RD					
2763BR		2898RD					
2765BR		2900RD					
2767BR		2902RD					
2769BR		2904RD					
2771BR		2906RD					
2773BR		2908RD					
2775BR		2910RD					
2777BR		2912RD					
2779BR		2914RD					
2781BR		2916RD					
2783BR		2918RD					
2785BR		2920RD					
2787BR		2922RD					
2789BR		2924RD					
2791BR		2926RD					
2793BR		2928RD					
2795BR		2930RD					
2797BR		2932RD					
2799BR		2934RD					
2801BR		2936RD					
2803BR		2938RD					
2805BR		2940RD					
2807BR		2942RD					
2809BR		2944RD					
2811BR		2946RD					
2813BR		2948RD					
2815BR		2950RD					
2817BR		2952RD					
2819BR		2954RD					
2821BR		2956RD					
2823BR		2958RD					
2825BR		2960RD					
2827BR		2962RD					
2829BR		2964RD					
2831BR		2966RD					
2833BR		2968RD					
2835BR		2970RD					
2837BR		2972RD					
2839BR		2974RD					
2841BR		2976RD					
2843BR		2978RD					
2845BR		2980RD					
2847BR		2982RD					
2849BR		2984RD					
2851BR		2986RD					
2853BR		2988RD					
2855BR		2990RD					
2857BR		2992RD					
2859BR		2994RD					
2861BR		2996RD					
2863BR		2998RD					
2865BR		3000RD					
2867BR		3002RD					
2869BR		3004RD					
2871BR		3006RD					
2873BR		3008RD					
2875BR		3010RD					
2877BR		3012RD					
2879BR		3014RD					
2881BR		3016RD					
2883BR		3018RD					
2885BR		3020RD					
2887BR		3022RD					
2889BR		3024RD					
2891BR		3026RD					
2893BR		3028RD					
2895BR		3030RD					
2897BR		3032RD					
2899BR		3034RD					
2901BR		3036RD					
2903BR		3038RD					
2905BR		3040RD					
2907BR		3042RD					
2909BR		3044RD					
2911BR		3046RD					
2913BR		3048RD					
2915BR		3050RD					
2917BR		3052RD					
2919BR		3054RD					
2921BR		3056RD					
2923BR		3058RD					
2925BR		3060RD					
2927BR		3062RD					
2929BR		3064RD					
2931BR		3066RD					
2933BR		3068RD					
2935BR		3070RD					
2937BR		3072RD					
2939BR		3074RD					
2941BR		3076RD					
2943BR		3078RD					
2945BR		3080RD					
2947BR		3082RD					
2949BR		3084RD					
2951BR		3086RD					
2953BR		3088RD					
2955BR		3090RD					
2957BR		3092RD					
2959BR		3094RD					
2961BR		3096RD					

ORIGINAL PAGE IS
OF POOR QUALITY

11750M	12090M	12450M	12770M	12040M	13300M	13560M	13820M
11760M	12100M	12460M	12780M	13050M	13310M	13570M	13830M
11770M	12110M	12470M	12790M	13060M	13320M	13580M	13840M
11780M	12120M	12480M	12800M				
11450M	11790M	12130M	12490M	12810M	13070M	13330M	13590M
11460M	11800M	12140M	12500M				
11470M	11810M	12150M	12510M	12820M	13080M	13340M	13600M
11480M	11820M	12160M	12520M	12830M	13090M	13350M	13610M
			12130M	12840M	13100M	13360M	13620M
11490M	11830M	12170M					

5219

100

[illegible]

[illegible]

ORIGINAL PAGE IS
OF POOR QUALITY

1282	1285	1300	1324	1357	1397	1422	1443	1475											
1283	1287	1301	1325	1358	1398	1423	1444	1476											
1284	1288	1302	1326	1359	1399	1424	1445	1477	1490	1512	1527	1542	1556	1571	1575	1585			
1285	1289	1303	1327	1360	1400	1425	1446	1478	1503	1514	1528	1543	1557	1572	1576	1586			
1286	1290	1304	1328	1361	1401	1426	1447	1479		1515	1529	1544	1558	1573	1577	1587			
1287	1291	1305	1329	1362	1402	1427	1448	1480		1516	1530	1545	1559	1574	1578	1588			
1288	1292	1306	1330	1363	1403	1428	1449	1481		1517	1531	1546	1560	1575	1579				
1289	1293	1307	1331	1364	1404	1429	1450	1482		1518	1532	1547	1561	1580	1584				
1290	1294	1308	1332	1365	1405	1430	1451	1483		1519	1533	1548	1562	1581	1585				
1291	1295	1309	1333	1366	1406	1431	1452	1484		1520	1534	1549	1563	1582	1586				
1292	1296	1310	1334	1367	1407	1432	1453	1485		1521	1535	1550	1564	1583	1587				
1293	1297	1311	1335	1368	1408	1433	1454	1486		1522	1536	1551	1565	1584	1588				
1294	1298	1312	1336	1369	1409	1434	1455	1487		1523	1537	1552	1566	1585	1589				
1295	1299	1313	1337	1370	1410	1435	1456	1488		1524	1538	1553	1567	1586	1590				
1296	1300	1314	1338	1371	1411	1436	1457	1489		1525	1539	1554	1568	1587	1591				
1297	1301	1315	1339	1372	1412	1437	1458	1490		1526	1540	1555	1569	1588	1592				
1298	1302	1316	1340	1373	1413	1438	1459	1491		1527	1541	1556	1570	1589	1593				
1299	1303	1317	1341	1374	1414	1439	1460	1492		1528	1542	1557	1571	1590	1594				
1300	1304	1318	1342	1375	1415	1440	1461	1493		1529	1543	1558	1572	1591	1595				
1301	1305	1319	1343	1376	1416	1441	1462	1494		1530	1544	1559	1573	1592	1596				
1302	1306	1320	1344	1377	1417	1442	1463	1495		1531	1545	1560	1574	1593	1597				
1303	1307	1321	1345	1378	1418	1443	1464	1496		1532	1546	1561	1575	1594	1598				
1304	1308	1322	1346	1379	1419	1444	1465	1497		1533	1547	1562	1576	1595	1599				
1305	1309	1323	1347	1380	1420	1445	1466	1498		1534	1548	1563	1577	1596	1600				
1306	1310	1324	1348	1381	1421	1446	1467	1499		1535	1549	1564	1578	1597	1601				
1307	1311	1325	1349	1382	1422	1447	1468	1500		1536	1550	1565	1579	1598	1602				
1308	1312	1326	1350	1383	1423	1448	1469	1501		1537	1551	1566	1580	1599	1603				
1309	1313	1327	1351	1384	1424	1449	1470	1502		1538	1552	1567	1581	1600	1604				
1310	1314	1328	1352	1385	1425	1450	1471	1503		1539	1553	1568	1582	1601	1605				
1311	1315	1329	1353	1386	1426	1451	1472	1504		1540	1554	1569	1583	1602	1606				
1312	1316	1330	1354	1387	1427	1452	1473	1505		1541	1555	1570	1584	1603	1607				
1313	1317	1331	1355	1388	1428	1453	1474	1506		1542	1556	1571	1585	1604	1608				
1314	1318	1332	1356	1389	1429	1454	1475	1507		1543	1557	1572	1586	1605	1609				
1315	1319	1333	1357	1390	1430	1455	1476	1508		1544	1558	1573	1587	1606	1610				
1316	1320	1334	1358	1391	1431	1456	1477	1509		1545	1559	1574	1588	1607	1611				
1317	1321	1335	1359	1392	1432	1457	1478	1510		1546	1560	1575	1589	1608	1612				
1318	1322	1336	1360	1393	1433	1458	1479	1511		1547	1561	1576	1590	1609	1613				
1319	1323	1337	1361	1394	1434	1459	1480	1512		1548	1562	1577	1591	1610	1614				
1320	1324	1338	1362	1395	1435	1460	1481	1513		1549	1563	1578	1592	1611	1615				
1321	1325	1339	1363	1396	1436	1461	1482	1514		1550	1564	1579	1593	1612	1616				
1322	1326	1340	1364	1397	1437	1462	1483	1515		1551	1565	1580	1594	1613	1617				
1323	1327	1341	1365	1398	1438	1463	1484	1516		1552	1566	1581	1595	1614	1618				
1324	1328	1342	1366	1399	1439	1464	1485	1517		1553	1567	1582	1596	1615	1619				
1325	1329	1343	1367	1400	1440	1465	1486	1518		1554	1568	1583	1597	1616	1620				
1326	1330	1344	1368	1401	1441	1466	1487	1519		1555	1569	1584	1598	1617	1621				
1327	1331	1345	1369	1402	1442	1467	1488	1520		1556	1570	1585	1599	1618	1622				
1328	1332	1346	1370	1403	1443	1468	1489	1521		1557	1571	1586	1600	1619	1623				
1329	1333	1347	1371	1404	1444	1469	1490	1522		1558	1572	1587	1601	1620	1624				
1330	1334	1348	1372	1405	1445	1470	1491	1523		1559	1573	1588	1602	1621	1625				
1331	1335	1349	1373	1406	1446	1471	1492	1524		1560	1574	1589	1603	1622	1626				
1332	1336	1350	1374	1407	1447	1472	1493	1525		1561	1575	1590	1604	1623	1627				
1333	1337	1351	1375	1408	1448	1473	1494	1526		1562	1576	1591	1605	1624	1628				
1334	1338	1352	1376	1409	1449	1474	1495	1527		1563	1577	1592	1606	1625	1629				
1335	1339	1353	1377	1410	1450	1475	1496	1528		1564	1578	1593	1607	1626	1630				
1336	1340	1354	1378	1411	1451	1476	1497	1529		1565	1579	1594	1608	1627	1631				
1337	1341	1355	1379	1412	1452	1477	1498	1530		1566	1580	1595	1609	1628	1632				
1338	1342	1356	1380	1413	1453	1478	1499	1531		1567	1581	1596	1610	1629	1633				
1339	1343	1357	1381	1414	1454	1479	1500	1532		1568	1582	1597	1611	1630	1634				
1340	1344	1358	1382	1415	1455	1480	1501	1533		1569	1583	1598	1612	1631	1635				
1341	1345	1359	1383	1416	1456	1481	1502	1534		1570	1584	1599	1613	1632	1636				
1342	1346	1360	1384	1417	1457	1482	1503	1535		1571	1585	1600	1614	1633	1637				
1343	1347	1361	1385	1418	1458	1483	1504	1536		1572	1586	1601	1615	1634	1638				
1344	1348	1362	1386	1419	1459	1484	1505	1537		1573	1587	1602	1616	1635	1639				
1345	1349	1363	1387	1420	1460	1485	1506	1538		1574	1588	1603	1617	1636	1640				
1346	1350	1364	1388	1421	1461	1486	1507	1539		1575	1589	1604	1618	1637	1641				
1347	1351	1365	1389	1422	1462	1487	1508	1540		1576	1590	1605	1619	1638	1642				
1348	1352	1366	1390	1423	1463	1488	1509	1541		1577	1591	1606	1620	1639	1643				
1349	1353	1367	1391	1424	1464	1489	1510	1542		1578	1592	1607	1621	1640	1644				
1350	1354	1368	1392	1425	1465	1490	1511	1543		1579	1593	1608	1622	1641	1645				
1351	1355	1369	1393	1426	1466	1491	1512	1544		1580	1594	1609	1623	1642	1646				
1352	1356	1370	1394	1427	1467	1492	1513	1545		1581	1595	1610	1624	1643	1647				
1353	1357	1371	1395	1428	1468	1493	1514	1546		1582	1596	1611	1625	1644	1648				
1354	1358	1372	1396	1429	1469	1494	1515	1547		1583	1597	1612	1626	1645	1649				
1355	1359	1373	1397	1430	1470	1495	1516	1548		1584	1598	1613	1627	1646	1650				
1356	1360	1374	1398	1431	1471	1496	1517	1549		1585	1599	1614	1628	1647	1651				
1357	1361	1375	1399	1432	1472	1497	1518	1550		1586	1600	1615	1629	1648	1652				
1358	1362	1376	1400	1433	1473	1498	1519	1551		1587	1601	1616	1630	1649	1653				
1359	1363	1377	1401	1434	1474	1499													

1242	1275	1310	1343	1375	1404	1430	1456	1482	1504	1518	1532	1547	1559	1568	1578	1588	1589
1243	1277	1311	1344	1377	1405	1431	1457	1483	1505	1519	1533	1548	1560	1569	1579	1589	1590
1244	1278	1312	1345	1378	1406	1432	1458	1484	1506	1520	1534	1549	1561	1570	1580	1590	1591
1245	1279	1313	1346	1379	1407	1433	1459	1485	1507	1521	1535	1550	1562	1571	1581	1591	1592
1246	1280	1314	1347	1380	1408	1434	1460	1486	1508	1522	1536	1551	1563	1572	1582	1592	1593
1247	1281	1315	1348	1381	1409	1435	1461	1487	1509	1523	1537	1552	1564	1573	1583	1593	1594
1248	1282	1316	1349	1382	1410	1436	1462	1488	1510	1524	1538	1553	1565	1574	1584	1594	1595
1249	1283	1317	1350	1383	1411	1437	1463	1489	1511	1525	1539	1554	1566	1575	1585	1595	1596
1250	1284	1318	1351	1384	1412	1438	1464	1490	1512	1526	1540	1555	1567	1576	1586	1596	1597
		1319	1352	1385	1413	1439	1465	1491	1513	1527	1541	1556	1568	1577	1587	1597	1598

Sat 21

SET 21

ORIGINAL PAGE IS
OF POOR QUALITY

11580M	11920M	12280M	12610M	12900M	13160M	13420M
11590M	11930M	12290M	12620M	12910M	13170M	13430M
11600M	11940M	12300M	12630M	12920M	13180M	13440M
11610M	11950M	12310M	12640M	12930M	13190M	13450M
11620M	11960M	12320M	12650M	12940M	13200M	13460M
11630M	11970M	12330M	12660M	12950M	13210M	13470M
11640M	11980M	12340M	12670M	12960M	13220M	13480M
11650M	11990M	12350M	12680M	12970M	13230M	13490M

14340M 14420M 14500M 14580M

14350M 14430M 14510M 14590M

1261	1295	1330	1362	1394	1420	1446	1472	1498											
1260	1294	1329	1361	1393	1419	1445	1471	1497											
1259	1293	1328	1360	1392	1418	1444	1470	1496											
1258	1292	1327	1359	1391	1417	1443	1469	1495	1512	1526	1540	1555	1567	1574	1584				1594
1257	1291	1326	1358	1390	1416	1442	1468	1494	1511	1525	1539	1554	1566	1573	1583				1593
1256	1290	1325	1357	1389	1415	1441	1467	1493	1510	1524	1538	1553							1592
1255	1289	1324	1356	1388	1414	1440	1466	1492	1509	1523	1537	1552	1562	1572	1582				1591
1254	1288	1323	1355	1387	1413	1439	1465	1491	1508	1522	1536	1551	1560	1571	1581				
1253	1287	1322	1354	1386	1412	1438	1464	1490	1507	1521	1535	1550	1564	1571	1581				
1252	1286	1321	1353	1385	1411	1437	1463	1489	1506	1520	1534	1549	1563	1570	1580				
1251	1285	1320	1352	1384	1410	1436	1462	1488	1505	1519	1533	1548	1562	1569	1579				
1250	1284	1319	1351	1383	1409	1435	1461	1487	1504	1518	1532	1547	1561	1568	1578				

5 of 22

ORIGINAL PAGE IS
OF POOR QUALITY

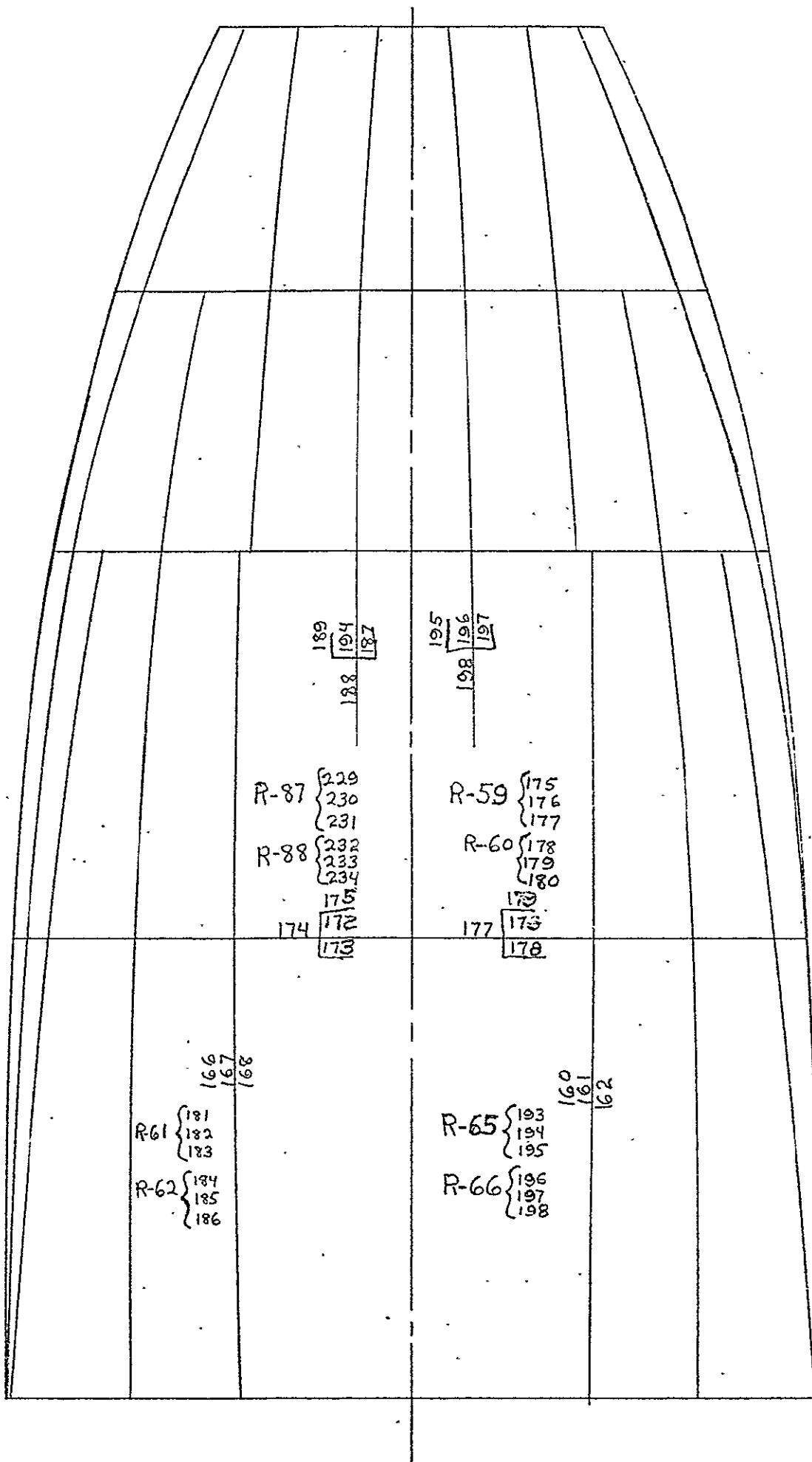
2550RD	2518RD	2590RD	2754RD	2806RD	2858RD	2710RD	2902RD	2990RD	3016RD	3042RD	2068RD	2068RD	304BR	3040BR
2548RD	2516RD	2588RD	2752RD	2804RD	2856RD	2708RD	2900RD	2988RD	3014RD	3040RD	2066RD	2066RD	3038RD	3038RD
	2514RD	2586RD	2750RD	2802RD	2854RD	2706RD	2898RD	2986RD	3012RD	3038RD	2064RD	2064RD	3036RD	3036RD
2544RD	2512RD	2584RD	2748RD	2800RD	2852RD	2704RD	2896RD	2984RD	3010RD	3036RD	2062RD	2062RD	3034RD	3034RD
2542RD	2510RD	2582RD	2746RD	2798RD	2850RD	2702RD	2894RD	2982RD	3008RD	3034RD	2060RD	2060RD	3032RD	3032RD
2540RD	2508RD	2580RD	2744RD	2796RD	2848RD	2700RD	2892RD	2980RD	3006RD	3032RD	2058RD	2058RD	3030RD	3030RD
2538RD	2506RD	2578RD	2742RD	2794RD	2846RD	2698RD	2890RD	2978RD	3004RD	3030RD	2056RD	2056RD	3028RD	3028RD
2536RD	2504RD	2576RD	2740RD	2792RD	2844RD	2696RD	2888RD	2976RD	3002RD	3028RD	2054RD	2054RD	3026RD	3026RD
			2738RD	2790RD	2842RD	2694RD	2886RD	2974RD	3000RD	3026RD	2052RD	2052RD	3024RD	3024RD
2534RD	2502RD	2574RD	2736RD	2788RD	2840RD	2692RD	2884RD	2972RD	2998RD	3024RD	2050RD	2050RD	3022RD	3022RD
2532RD	2500RD	2572RD	2734RD	2786RD	2838RD	2690RD	2882RD	2970RD	2996RD	3022RD	2048RD	2048RD	3020RD	3020RD
2530RD	2498RD	2570RD	2732RD	2784RD	2836RD	2688RD	2880RD	2968RD	2994RD	3020RD	2046RD	2046RD	3018RD	3018RD

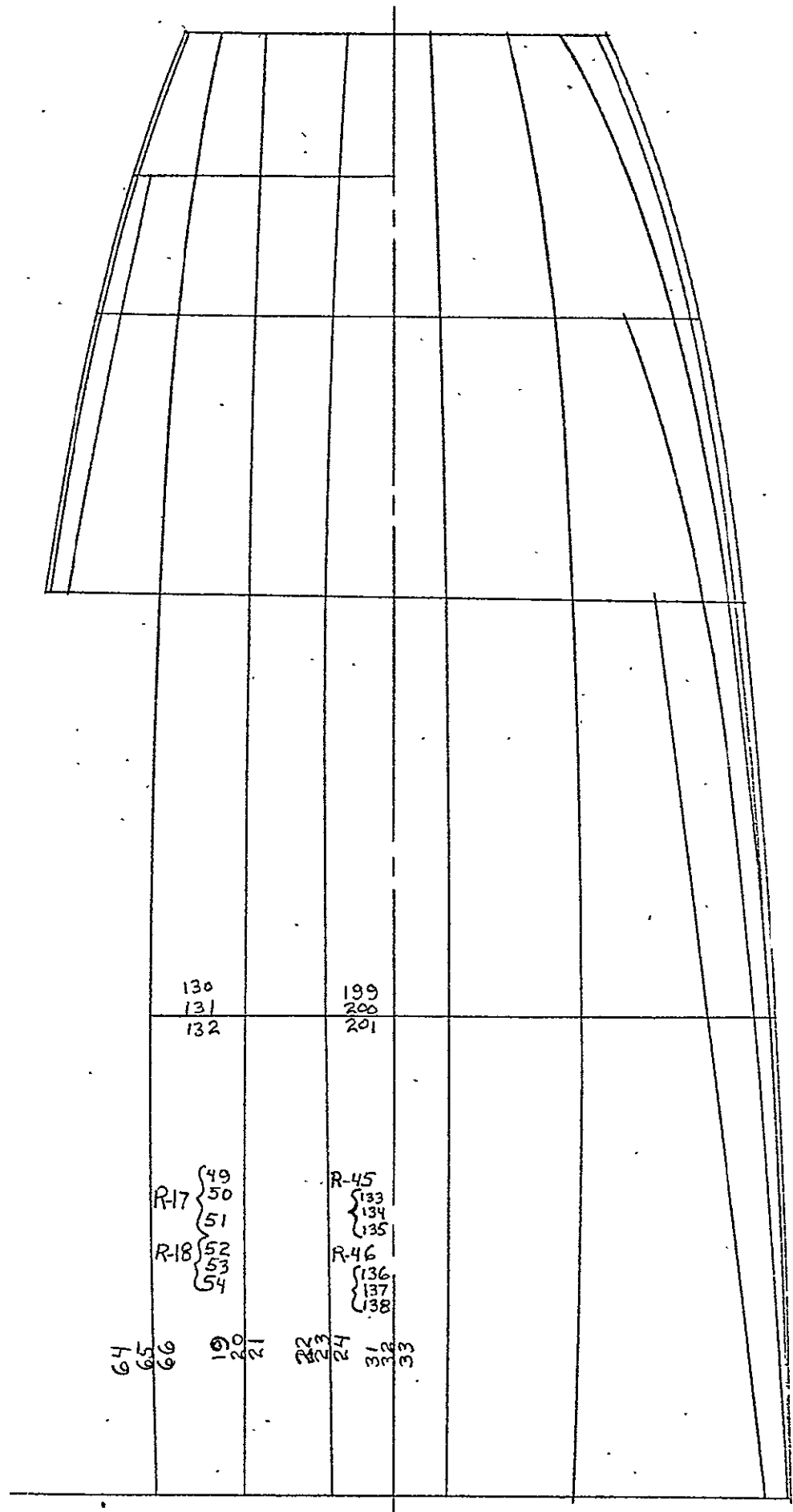
11760M	12100M	12460M	12780M	13050M	13310M	13510M	13830M								
11750M	12090M	12450M	12770M	13040M	13300M	13500M	13820M								
11740M	12080M	12440M	12760M	13030M	13290M	13490M	13810M								
11730M	12070M	12430M	12750M	13020M	13280M	13480M	13800M	13950M	14060M	14180M	14300M	14380M	14460M	14540M	14620M
11720M	12060M	12420M	12740M	13010M	13270M	13470M	13790M	13940M	14050M	14170M	14290M	1	4	4	4
11710M	12050M	12410M	12730M	13000M	13260M	13460M	13780M	13930M	14040M	14160M	14280M	4	4	4	4
11700M	12040M	12400M	12720M	12990M	13250M	13450M	13770M	13920M	14030M	14150M	14270M	3	4	4	4
11690M	12030M	12390M	12710M	12980M	13240M	13440M	13760M	13910M	14020M	14140M	14260M	3	4	4	4
11680M	12020M	12380M	12700M	12970M	13230M	13430M	13750M	13900M	14010M	14130M	14250M	3	4	4	4
11670M	12010M	12370M	12690M	12960M	13220M	13420M	13740M	13890M	14000M	14120M	14240M	3	4	4	4
11660M	12000M	12360M	12680M	12950M	13210M	13410M	13730M	13880M	13990M	14090M	14230M	3	4	4	4

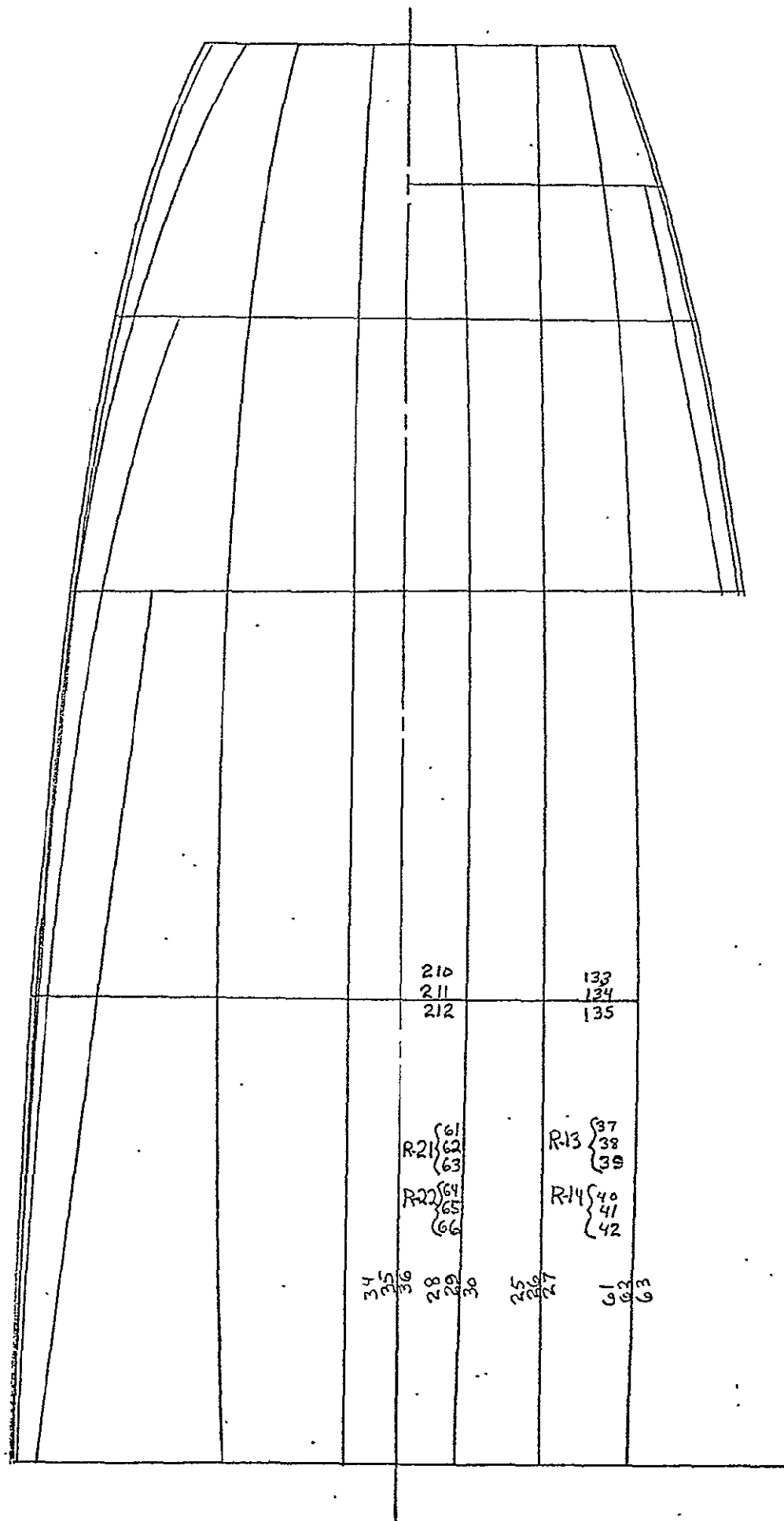
ORIGINAL PAGE IS
OF POOR QUALITY

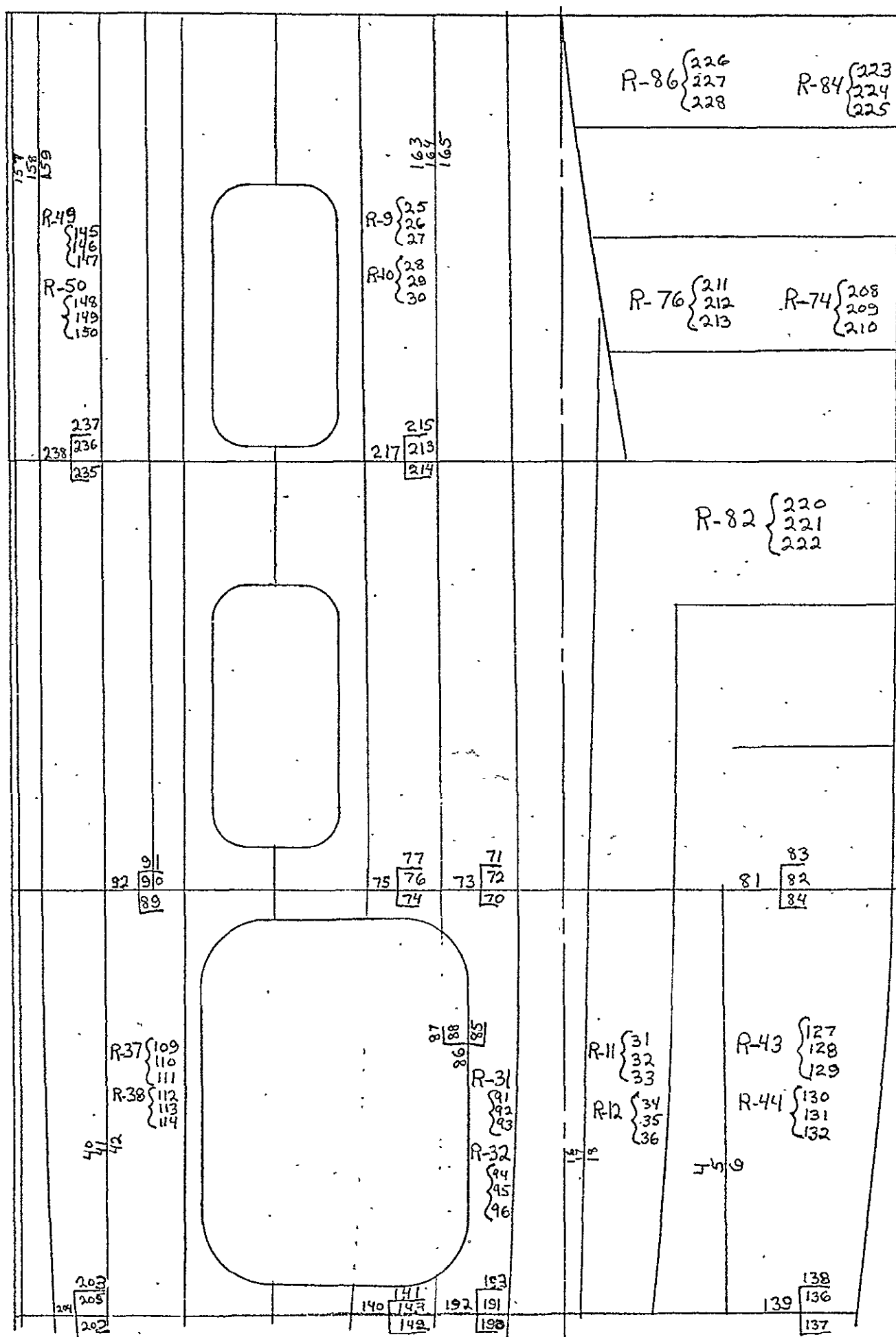
STRAIN GAGE LOCATIONS

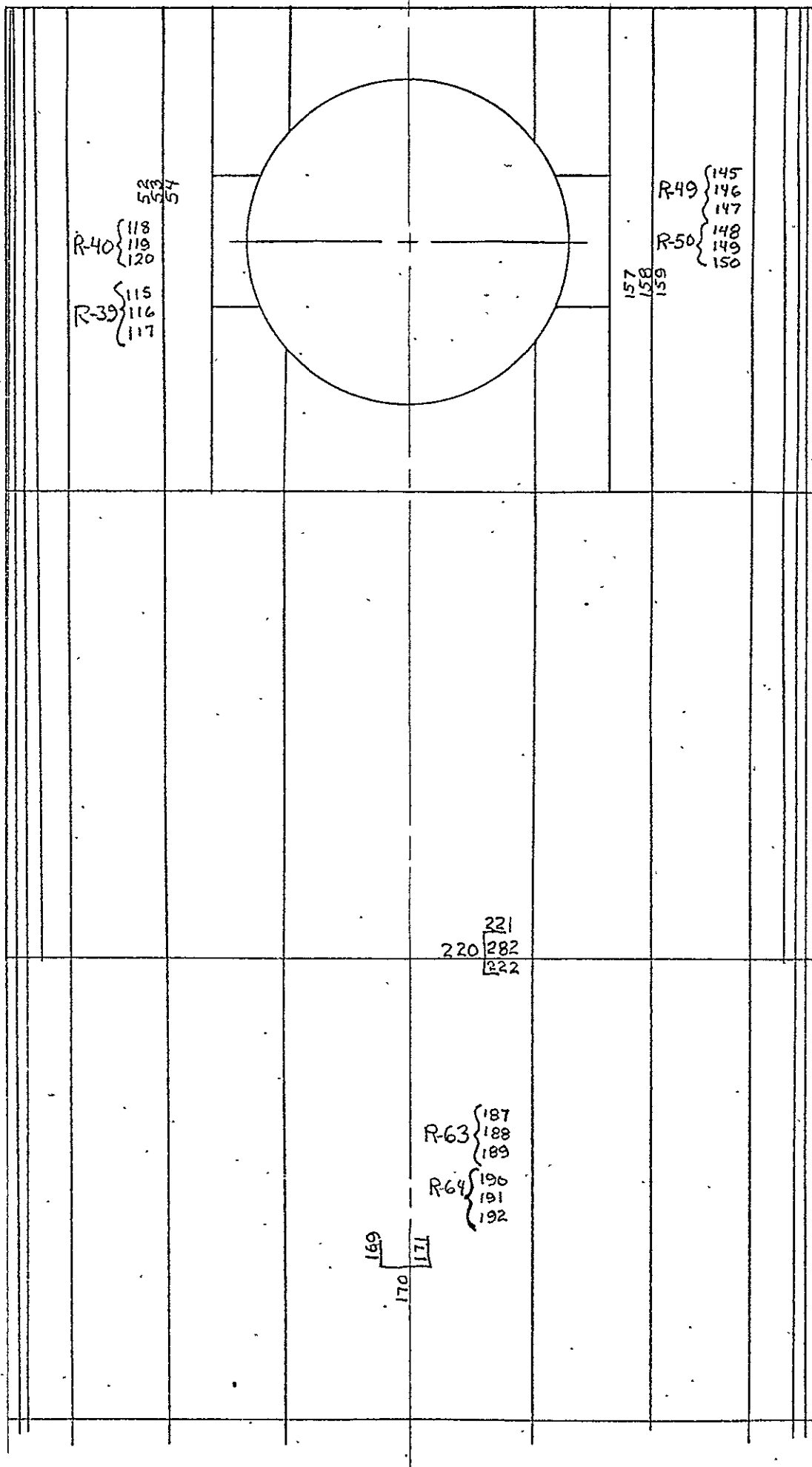
PRECEDING PAGE BLANK NOT FILMED











R-80 { 217
218
219 } R-78 { 214
215
216 }

R-70 { 202
203
204 } R-68 { 119
200
201 }

R-72 { 205
206
207 }

118 { 121
119
120 }

R-19 { 55
56
57 }
R-20 { 58
59
60 }

R-1 { 1
2
3 }
R-2 { 4
5
6 }

R-7 { 19
20
21 }
144
145
146
R-8 { 22
23
24 }

147
148 { 149
150 }

151
152
153
R-5 { 13
14
15 }
R-6 { 16
17
18 }

127 { 128
126
129 }

111 { 110
112
113 }

R-55 { 163
164
165
166
167
168 }

R-39 { 115
116
117 }
253
54

R-40 { 118
119
120 }

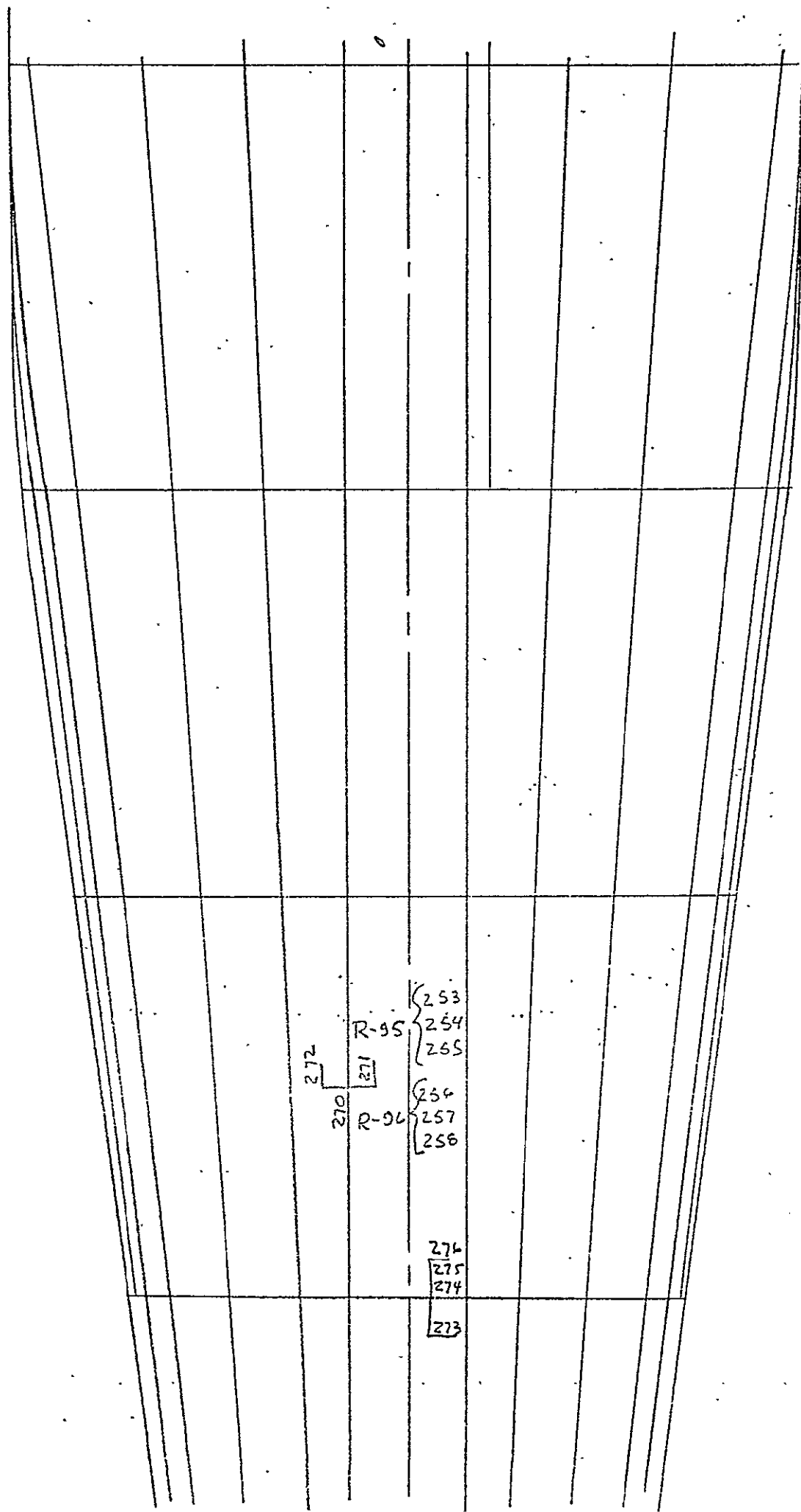
208
209
207
206

107 { 108
106
109 }

1160
181 { 182

216
217
218

R-89 { 235 236 237 R-90 { 238 239 240 239 240 241		249 250 251	R-97 { 259 260 261 R-98 { 262 263 264 268 268 269	281 282 283 284	R-91 { 241 242 243 R-92 { 244 245 246 252 253 254 263 265 262 264	246 247 248	R-93 { 247 248 249 R-94 { 250 251 252 259 260 261



R-35 { 103
104
105

R-36 { 106
107
108

232
233 234
231

R-51 { 151
152
153

R-47 { 139
140
141

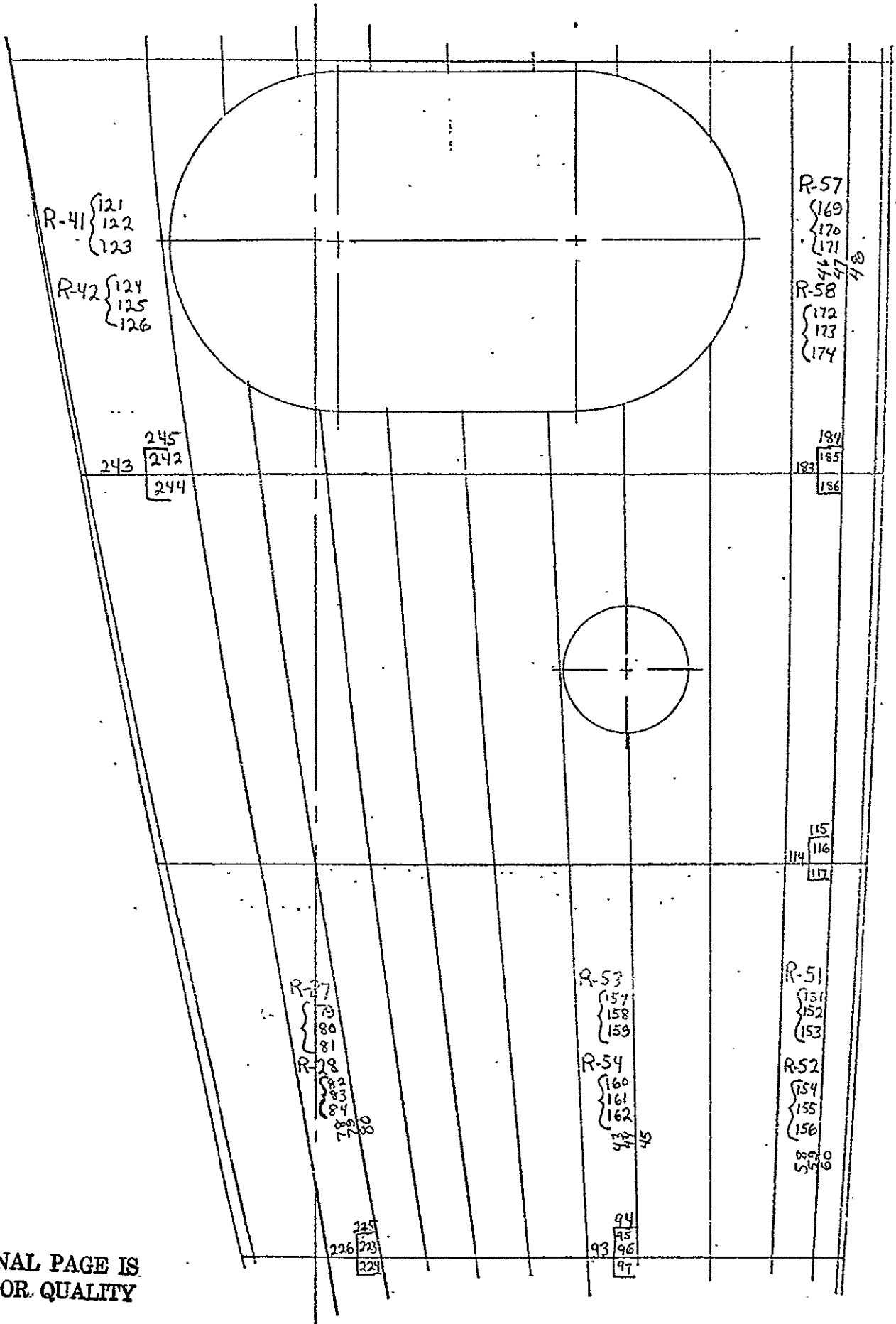
R-29 { 85
86
87

R-52 { 154
155
156

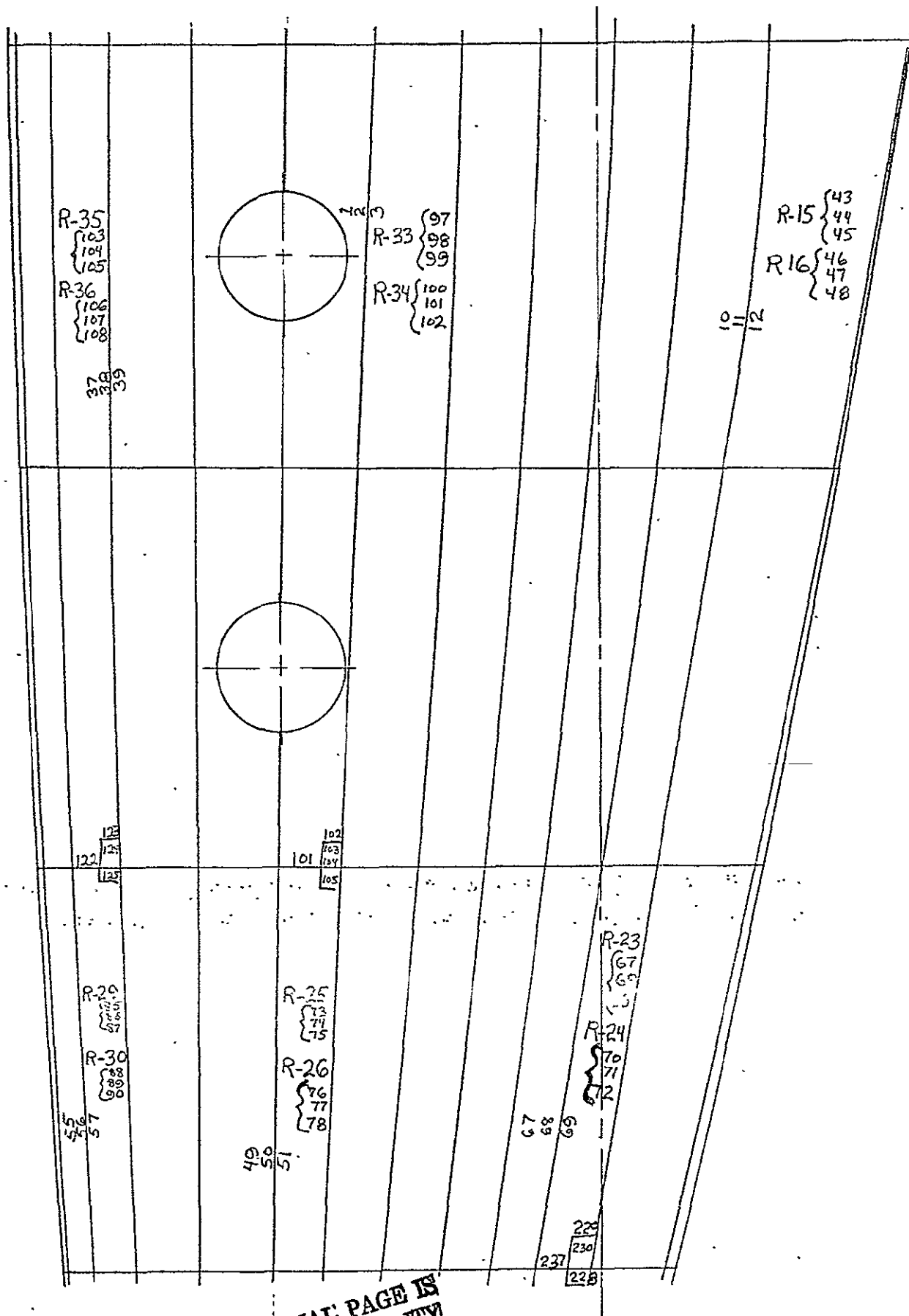
R-48 { 142
143
144

R-30 { 88
89
90

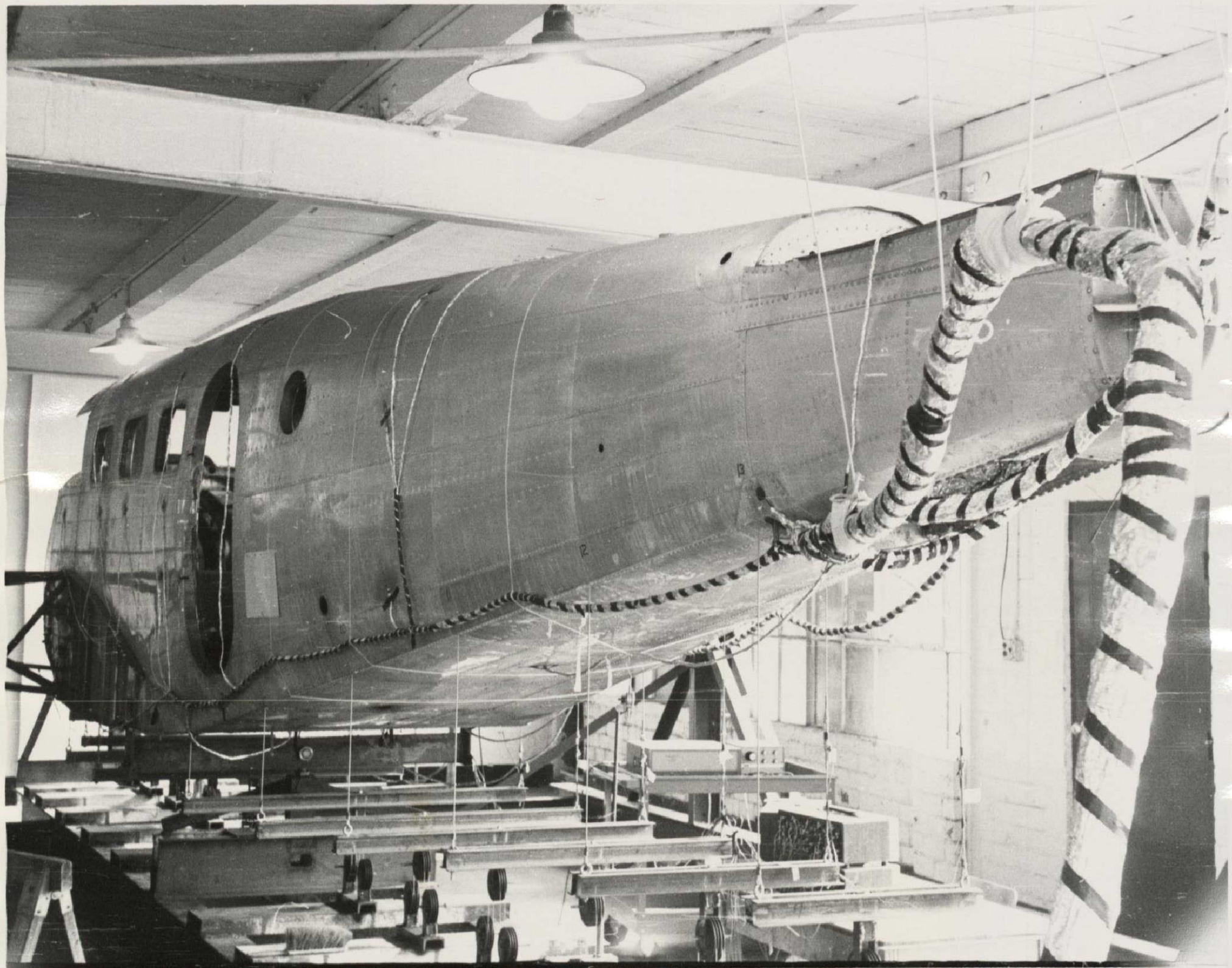
257
258 259

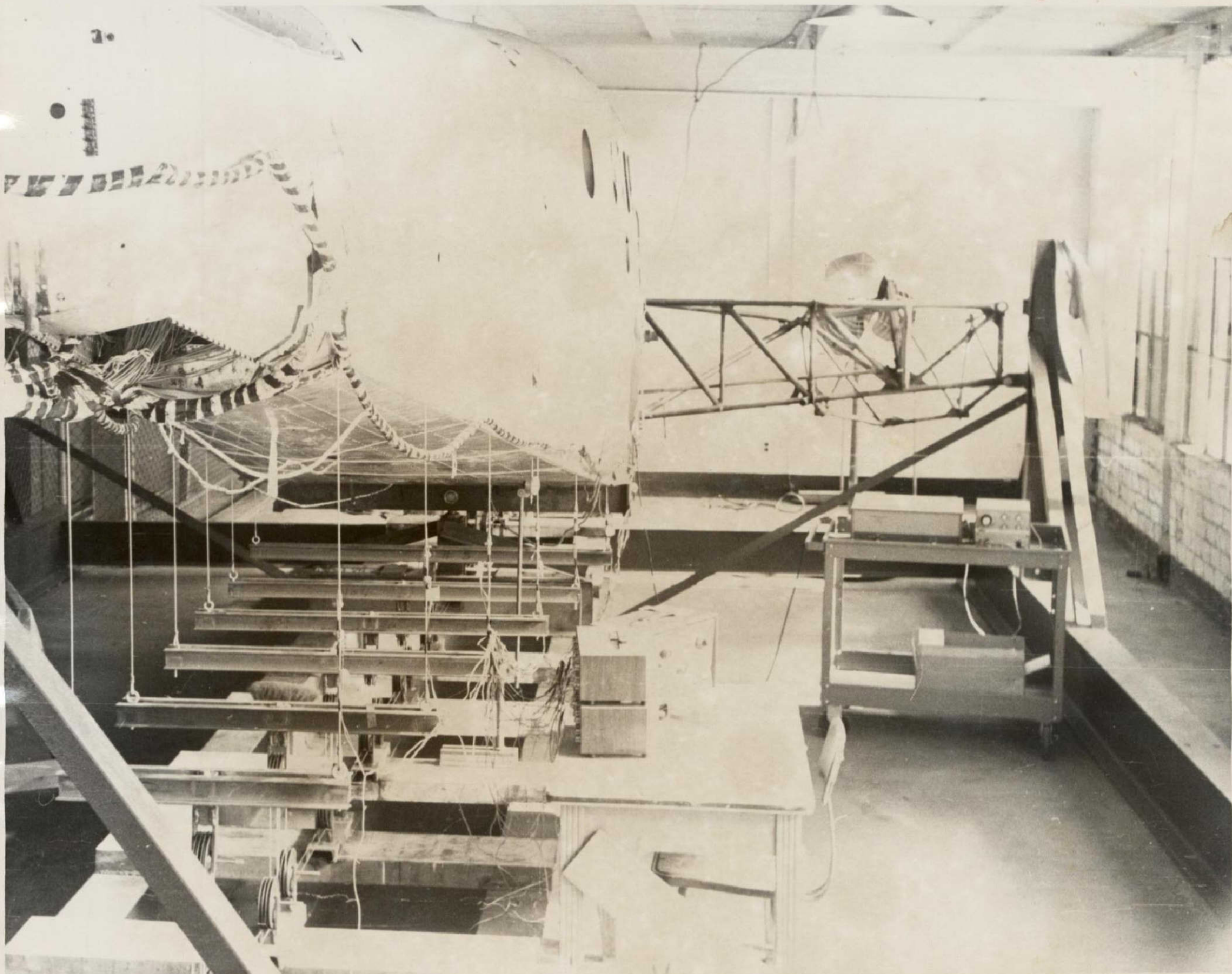


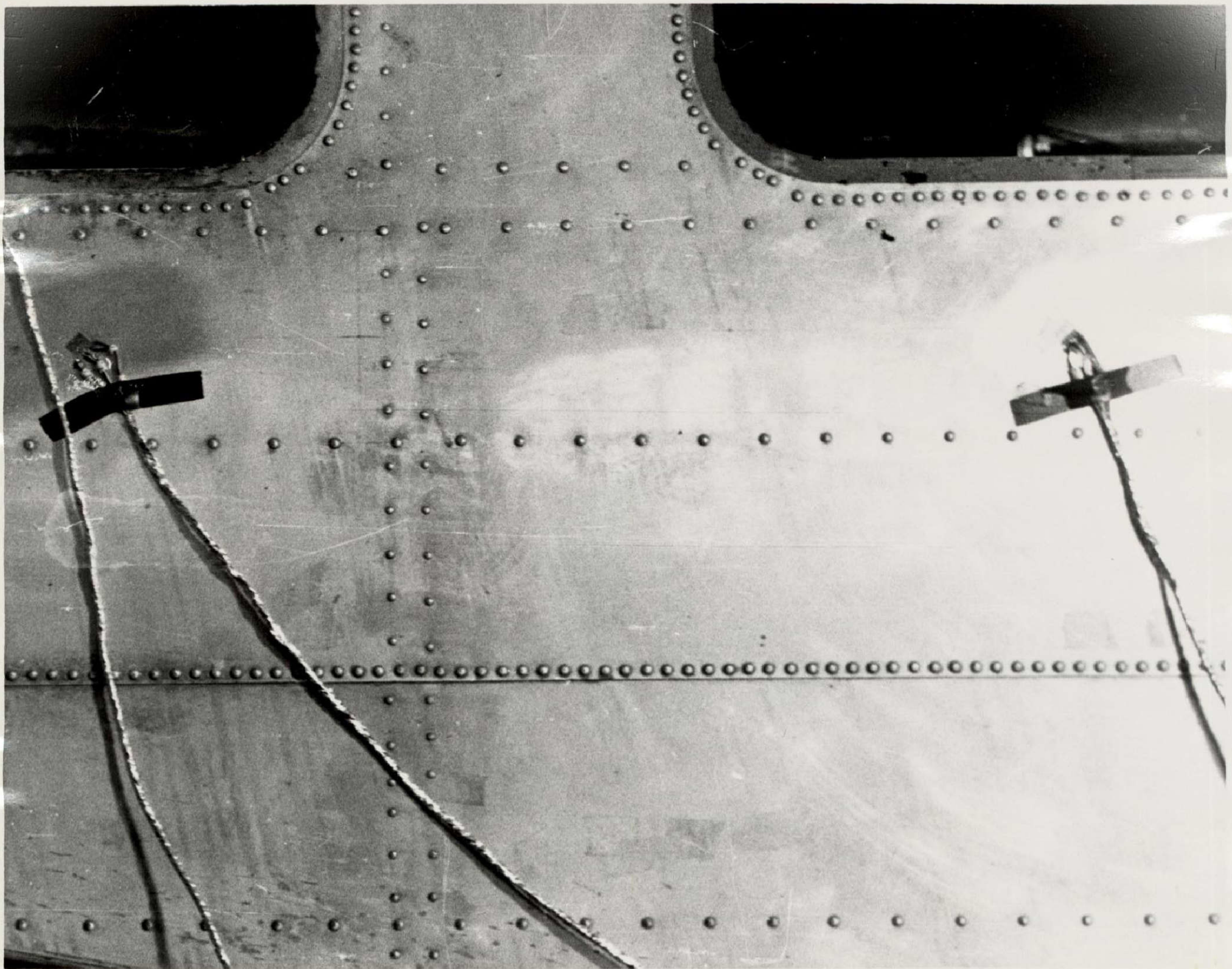
ORIGINAL PAGE IS
OF POOR QUALITY



ORIGINAL PAGE IS
OF POOR QUALITY







EXPERIMENTALLY
MEASURED RESULTS

LOAD = 90 POUNDS

BENDING

GAGE 1 STRESS=	180.	GAGE 31 STRESS=	-270.	GAGE 61 STRESS=	870.
GAGE 2 STRESS=	-40.	GAGE 32 STRESS=	-430.	GAGE 62 STRESS=	770.
GAGE 3 STRESS=	410.	GAGE 33 STRESS=	-360.	GAGE 63 STRESS=	1510.
GAGE 4 STRESS=	-330.	GAGE 34 STRESS=	-330.	GAGE 64 STRESS=	810.
GAGE 5 STRESS=	4230.	GAGE 35 STRESS=	-70.	GAGE 65 STRESS=	830.
GAGE 6 STRESS=	-3930.	GAGE 36 STRESS=	-200.	GAGE 66 STRESS=	1540.
GAGE 7 STRESS=	1030.	GAGE 37 STRESS=	550.	GAGE 67 STRESS=	-90.
GAGE 8 STRESS=	1510.	GAGE 38 STRESS=	530.	GAGE 68 STRESS=	-20.
GAGE 9 STRESS=	-540.	GAGE 39 STRESS=	550.	GAGE 69 STRESS=	-170.
GAGE 10 STRESS=	110.	GAGE 40 STRESS=	1260.	GAGE 70 STRESS=	-2440.
GAGE 11 STRESS=	-340.	GAGE 41 STRESS=	1230.	GAGE 71 STRESS=	610.
GAGE 12 STRESS=	-30.	GAGE 42 STRESS=	670.	GAGE 72 STRESS=	940.
GAGE 13 STRESS=	380.	GAGE 43 STRESS=	220.	GAGE 73 STRESS=	-2010.
GAGE 14 STRESS=	1400.	GAGE 44 STRESS=	20.	GAGE 74 STRESS=	-750.
GAGE 15 STRESS=	-160.	GAGE 45 STRESS=	200.	GAGE 75 STRESS=	-1560.
GAGE 16 STRESS=	-150.	GAGE 46 STRESS=	960.	GAGE 76 STRESS=	-2040.
GAGE 17 STRESS=	200.	GAGE 47 STRESS=	1000.	GAGE 77 STRESS=	-2350.
GAGE 18 STRESS=	560.	GAGE 48 STRESS=	910.	GAGE 78 STRESS=	-420.
GAGE 19 STRESS=	650.	GAGE 49 STRESS=	40.	GAGE 79 STRESS=	-680.
GAGE 20 STRESS=	980.	GAGE 50 STRESS=	-10.	GAGE 80 STRESS=	-460.
GAGE 21 STRESS=	680.	GAGE 51 STRESS=	-10.	GAGE 81 STRESS=	-2350.
GAGE 22 STRESS=	280.	GAGE 52 STRESS=	270.	GAGE 82 STRESS=	-730.
GAGE 23 STRESS=	-20.	GAGE 53 STRESS=	350.	GAGE 83 STRESS=	-370.
GAGE 24 STRESS=	-99800.	GAGE 54 STRESS=	260.	GAGE 84 STRESS=	-4090.
GAGE 25 STRESS=	640.	GAGE 55 STRESS=	430.	GAGE 85 STRESS=	840.
GAGE 26 STRESS=	540.	GAGE 56 STRESS=	460.	GAGE 86 STRESS=	630.
GAGE 27 STRESS=	740.	GAGE 57 STRESS=	430.	GAGE 87 STRESS=	70.
GAGE 28 STRESS=	270.	GAGE 58 STRESS=	720.	GAGE 88 STRESS=	-100.
GAGE 29 STRESS=	370.	GAGE 59 STRESS=	690.	GAGE 89 STRESS=	1940.
GAGE 30 STRESS=	-420.	GAGE 60 STRESS=	720.	GAGE 90 STRESS=	-1090.

LOAD = 90 POUNDS BENDING

GAGE 91 STRESS=	-1660.	GAGE 121 STRESS=	-630.	GAGE 151 STRESS=	1320.
GAGE 92 STRESS=	-470.	GAGE 122 STRESS=	80.	GAGE 152 STRESS=	1350.
GAGE 93 STRESS=	160.	GAGE 123 STRESS=	20.	GAGE 153 STRESS=	1320.
GAGE 94 STRESS=	210.	GAGE 124 STRESS=	100.	GAGE 154 STRESS=	490.
GAGE 95 STRESS=	260.	GAGE 125 STRESS=	-170.	GAGE 155 STRESS=	260.
GAGE 96 STRESS=	110.	GAGE 126 STRESS=	-1280.	GAGE 156 STRESS=	-480.
GAGE 97 STRESS=	-10.	GAGE 127 STRESS=	-2790.	GAGE 157 STRESS=	330.
GAGE 98 STRESS=	1740.	GAGE 128 STRESS=	-720.	GAGE 158 STRESS=	380.
GAGE 99 STRESS=	1290.	GAGE 129 STRESS=	-630.	GAGE 159 STRESS=	230.
GAGE 100 STRESS=	1710.	GAGE 130 STRESS=	-70.	GAGE 160 STRESS=	-970.
GAGE 101 STRESS=	150.	GAGE 131 STRESS=	-140.	GAGE 161 STRESS=	-360.
GAGE 102 STRESS=	10.	GAGE 132 STRESS=	-170.	GAGE 162 STRESS=	-500.
GAGE 103 STRESS=	-30.	GAGE 133 STRESS=	-20.	GAGE 163 STRESS=	1050.
GAGE 104 STRESS=	40.	GAGE 134 STRESS=	40.	GAGE 164 STRESS=	390.
GAGE 105 STRESS=	60.	GAGE 135 STRESS=	-120.	GAGE 165 STRESS=	1050.
GAGE 106 STRESS=	-1640.	GAGE 136 STRESS=	220.	GAGE 166 STRESS=	-240.
GAGE 107 STRESS=	-750.	GAGE 137 STRESS=	40.	GAGE 167 STRESS=	-340.
GAGE 108 STRESS=	-1380.	GAGE 138 STRESS=	950.	GAGE 168 STRESS=	530.
GAGE 109 STRESS=	810.	GAGE 139 STRESS=	440.	GAGE 169 STRESS=	840.
GAGE 110 STRESS=	-3960.	GAGE 140 STRESS=	-880.	GAGE 170 STRESS=	960.
GAGE 111 STRESS=	-1180.	GAGE 141 STRESS=	-1120.	GAGE 171 STRESS=	930.
GAGE 112 STRESS=	-3820.	GAGE 142 STRESS=	-460.	GAGE 172 STRESS=	-1160.
GAGE 113 STRESS=	-180.	GAGE 143 STRESS=	-1030.	GAGE 173 STRESS=	-200.
GAGE 114 STRESS=	110.	GAGE 144 STRESS=	1260.	GAGE 174 STRESS=	160.
GAGE 115 STRESS=	-100.	GAGE 145 STRESS=	1360.	GAGE 175 STRESS=	-1760.
GAGE 116 STRESS=	-80.	GAGE 146 STRESS=	1350.	GAGE 176 STRESS=	-450.
GAGE 117 STRESS=	-100.	GAGE 147 STRESS=	-1220.	GAGE 177 STRESS=	60.
GAGE 118 STRESS=	-1900.	GAGE 148 STRESS=	-410.	GAGE 178 STRESS=	1730.
GAGE 119 STRESS=	-1310.	GAGE 149 STRESS=	-1300.	GAGE 179 STRESS=	-1390.
GAGE 120 STRESS=	-4310.	GAGE 150 STRESS=	50.	GAGE 180 STRESS=	350.

LOAD = 90 POUNDS BENDING

GAGE 181 STRESS=	190.	GAGE 211 STRESS=	150.	GAGE 241 STRESS=	-1320.
GAGE 182 STRESS=	110.	GAGE 212 STRESS=	40.	GAGE 242 STRESS=	320.
GAGE 183 STRESS=	-360.	GAGE 213 STRESS=	-1060.	GAGE 243 STRESS=	730.
GAGE 184 STRESS=	-150.	GAGE 214 STRESS=	50.	GAGE 244 STRESS=	450.
GAGE 185 STRESS=	-50.	GAGE 215 STRESS=	-1110.	GAGE 245 STRESS=	-120.
GAGE 186 STRESS=	-90.	GAGE 216 STRESS=	-660.	GAGE 246 STRESS=	-1190.
GAGE 187 STRESS=	-570.	GAGE 217 STRESS=	-720.	GAGE 247 STRESS=	-850.
GAGE 188 STRESS=	130.	GAGE 218 STRESS=	-400.	GAGE 248 STRESS=	-860.
GAGE 189 STRESS=	-960.	GAGE 219 STRESS=	-930.	GAGE 249 STRESS=	-880.
GAGE 190 STRESS=	-600.	GAGE 220 STRESS=	430.	GAGE 250 STRESS=	-780.
GAGE 191 STRESS=	-390.	GAGE 221 STRESS=	2610.	GAGE 251 STRESS=	-1540.
GAGE 192 STRESS=	-430.	GAGE 222 STRESS=	-840.	GAGE 252 STRESS=	-800.
GAGE 193 STRESS=	-540.	GAGE 223 STRESS=	440.	GAGE 253 STRESS=	-560.
GAGE 194 STRESS=	-830.	GAGE 224 STRESS=	160.	GAGE 254 STRESS=	-730.
GAGE 195 STRESS=	-1130.	GAGE 225 STRESS=	650.	GAGE 255 STRESS=	530.
GAGE 196 STRESS=	-950.	GAGE 226 STRESS=	560.	GAGE 256 STRESS=	60.
GAGE 197 STRESS=	-660.	GAGE 227 STRESS=	670.	GAGE 257 STRESS=	710.
GAGE 198 STRESS=	180.	GAGE 228 STRESS=	130.	GAGE 258 STRESS=	-1430.
GAGE 199 STRESS=	10.	GAGE 229 STRESS=	620.	GAGE 259 STRESS=	-1340.
GAGE 200 STRESS=	-20.	GAGE 230 STRESS=	400.	GAGE 260 STRESS=	530.
GAGE 201 STRESS=	80.	GAGE 231 STRESS=	20.	GAGE 261 STRESS=	90.
GAGE 202 STRESS=	-210.	GAGE 232 STRESS=	-550.	GAGE 262 STRESS=	40.
GAGE 203 STRESS=	120.	GAGE 233 STRESS=	-240.	GAGE 263 STRESS=	-1580.
GAGE 204 STRESS=	-50.	GAGE 234 STRESS=	-640.	GAGE 264 STRESS=	440.
GAGE 205 STRESS=	100.	GAGE 235 STRESS=	-110.	GAGE 265 STRESS=	-1720.
GAGE 206 STRESS=	-290.	GAGE 236 STRESS=	220.	GAGE 266 STRESS=	90.
GAGE 207 STRESS=	50.	GAGE 237 STRESS=	330.	GAGE 267 STRESS=	-2250.
GAGE 208 STRESS=	530.	GAGE 238 STRESS=	-230.	GAGE 268 STRESS=	-2100.
GAGE 209 STRESS=	370.	GAGE 239 STRESS=	-1850.	GAGE 269 STRESS=	390.
GAGE 210 STRESS=	130.	GAGE 240 STRESS=	-1160.	GAGE 270 STRESS=	-650.

LOAD = 90 POUNDS BENDING

GAGE 271 STRESS= -720.

GAGE 272 STRESS= -440.

GAGE 273 STRESS= 130.

GAGE 274 STRESS= 210.

GAGE 275 STRESS= -480.

GAGE 276 STRESS= -500.

GAGE 277 STRESS= -530.

GAGE 278 STRESS= 570.

GAGE 279 STRESS= -110.

GAGE 280 STRESS= -2500.

GAGE 281 STRESS= -2680.

GAGE 282 STRESS= 2390.

GAGE 283 STRESS= 5857.

ROSETTE STRAIN GAGES DATE 9-30-75

LOAD = 140 POUNDS			BENDING					
GAGE	1	STRESS= 940.	GAGE	31	STRESS= 4920.	GAGE	61	STRESS= -1210.
GAGE	2	STRESS= 2550.	GAGE	32	STRESS= -92720.	GAGE	62	STRESS= 350.
GAGE	3	STRESS= 4070.	GAGE	33	STRESS= 6260.	GAGE	63	STRESS= -99770.
GAGE	4	STRESS= -200.	GAGE	34	STRESS= -1230.	GAGE	64	STRESS= -600.
GAGE	5	STRESS= -2390.	GAGE	35	STRESS= -5780.	GAGE	65	STRESS= 60.
GAGE	6	STRESS= 1940.	GAGE	36	STRESS= 3400.	GAGE	66	STRESS= -2090.
GAGE	7	STRESS= 1090.	GAGE	37	STRESS= 1070.	GAGE	67	STRESS= 80.
GAGE	8	STRESS= 200.	GAGE	38	STRESS= -100.	GAGE	68	STRESS= 780.
GAGE	9	STRESS= 2400.	GAGE	39	STRESS= -280.	GAGE	69	STRESS= 1510.
GAGE	10	STRESS= 900.	GAGE	40	STRESS= 1410.	GAGE	70	STRESS= -110.
GAGE	11	STRESS= -560.	GAGE	41	STRESS= -900.	GAGE	71	STRESS= -850.
GAGE	12	STRESS= 2140.	GAGE	42	STRESS= -550.	GAGE	72	STRESS= 740.
GAGE	13	STRESS= 2700.	GAGE	43	STRESS= -1730.	GAGE	73	STRESS= 30.
GAGE	14	STRESS= 1690.	GAGE	44	STRESS= -6540.	GAGE	74	STRESS= -30.
GAGE	15	STRESS= -320.	GAGE	45	STRESS= -4920.	GAGE	75	STRESS= 880.
GAGE	16	STRESS= 2430.	GAGE	46	STRESS= -97510.	GAGE	76	STRESS= 260.
GAGE	17	STRESS= -3550.	GAGE	47	STRESS= 8250.	GAGE	77	STRESS= -70.
GAGE	18	STRESS= -3470.	GAGE	48	STRESS= 5240.	GAGE	78	STRESS= 980.
GAGE	19	STRESS= 660.	GAGE	49	STRESS= 1050.	GAGE	79	STRESS= -980.
GAGE	20	STRESS= -1900.	GAGE	50	STRESS= -1020.	GAGE	80	STRESS= 1540.
GAGE	21	STRESS= -4360.	GAGE	51	STRESS= -950.	GAGE	81	STRESS= 1410.
GAGE	22	STRESS= 1180.	GAGE	52	STRESS= 1120.	GAGE	82	STRESS= -920.
GAGE	23	STRESS= 1610.	GAGE	53	STRESS= 240.	GAGE	83	STRESS= -660.
GAGE	24	STRESS= -740.	GAGE	54	STRESS= -350.	GAGE	84	STRESS= 400.
GAGE	25	STRESS= 4360.	GAGE	55	STRESS= 6910.	GAGE	85	STRESS= 520.
GAGE	26	STRESS= 4220.	GAGE	56	STRESS= 3840.	GAGE	86	STRESS= 20.
GAGE	27	STRESS= 2340.	GAGE	57	STRESS= -93510.	GAGE	87	STRESS= 770.
GAGE	28	STRESS= 3060.	GAGE	58	STRESS= -6370.	GAGE	88	STRESS= 560.
GAGE	29	STRESS= -6270.	GAGE	59	STRESS= -960.	GAGE	89	STRESS= -370.
GAGE	30	STRESS= -5740.	GAGE	60	STRESS= 950.	GAGE	90	STRESS= 560.

ROSETTE STRAIN GAGES

DATE 9-30-75

LOAD = 140 POUNDS

BENDING

GAGE 91 STRESS=	2030.	GAGE 121 STRESS=	-730.	GAGE 151 STRESS=	1220.
GAGE 92 STRESS=	760.	GAGE 122 STRESS=	-6700.	GAGE 152 STRESS=	-400.
GAGE 93 STRESS=	3150.	GAGE 123 STRESS=	1890.	GAGE 153 STRESS=	700.
GAGE 94 STRESS=	1080.	GAGE 124 STRESS=	4820.	GAGE 154 STRESS=	1230.
GAGE 95 STRESS=	-1810.	GAGE 125 STRESS=	5730.	GAGE 155 STRESS=	-320.
GAGE 96 STRESS=	1320.	GAGE 126 STRESS=	10150.	GAGE 156 STRESS=	840.
GAGE 97 STRESS=	-970.	GAGE 127 STRESS=	4560.	GAGE 157 STRESS=	530.
GAGE 98 STRESS=	520.	GAGE 128 STRESS=	2380.	GAGE 158 STRESS=	-170.
GAGE 99 STRESS=	1470.	GAGE 129 STRESS=	2560.	GAGE 159 STRESS=	1500.
GAGE 100 STRESS=	140.	GAGE 130 STRESS=	2080.	GAGE 160 STRESS=	220.
GAGE 101 STRESS=	410.	GAGE 131 STRESS=	-3600.	GAGE 161 STRESS=	140.
GAGE 102 STRESS=	1750.	GAGE 132 STRESS=	3340.	GAGE 162 STRESS=	1380.
GAGE 103 STRESS=	780.	GAGE 133 STRESS=	480.	GAGE 163 STRESS=	1360.
GAGE 104 STRESS=	-260.	GAGE 134 STRESS=	620.	GAGE 164 STRESS=	-1560.
GAGE 105 STRESS=	280.	GAGE 135 STRESS=	-1050.	GAGE 165 STRESS=	-1380.
GAGE 106 STRESS=	800.	GAGE 136 STRESS=	50.	GAGE 166 STRESS=	1480.
GAGE 107 STRESS=	-290.	GAGE 137 STRESS=	-1010.	GAGE 167 STRESS=	640.
GAGE 108 STRESS=	180.	GAGE 138 STRESS=	-2170.	GAGE 168 STRESS=	270.
GAGE 109 STRESS=	1830.	GAGE 139 STRESS=	340.	GAGE 169 STRESS=	2170.
GAGE 110 STRESS=	-1660.	GAGE 140 STRESS=	-530.	GAGE 170 STRESS=	-110.
GAGE 111 STRESS=	800.	GAGE 141 STRESS=	230.	GAGE 171 STRESS=	1510.
GAGE 112 STRESS=	1590.	GAGE 142 STRESS=	1090.	GAGE 172 STRESS=	2020.
GAGE 113 STRESS=	760.	GAGE 143 STRESS=	-140.	GAGE 173 STRESS=	-1160.
GAGE 114 STRESS=	2150.	GAGE 144 STRESS=	390.	GAGE 174 STRESS=	790.
GAGE 115 STRESS=	550.	GAGE 145 STRESS=	740.	GAGE 175 STRESS=	-500.
GAGE 116 STRESS=	490.	GAGE 146 STRESS=	260.	GAGE 176 STRESS=	290.
GAGE 117 STRESS=	-540.	GAGE 147 STRESS=	-650.	GAGE 177 STRESS=	-350.
GAGE 118 STRESS=	450.	GAGE 148 STRESS=	390.	GAGE 178 STRESS=	-570.
GAGE 119 STRESS=	-810.	GAGE 149 STRESS=	-820.	GAGE 179 STRESS=	260.
GAGE 120 STRESS=	-1300.	GAGE 150 STRESS=	-1490.	GAGE 180 STRESS=	-320.

LOAD = 140 POUNDS BENDING

GAGE 181 STRESS=	-700.	GAGE 211 STRESS=	-800.	GAGE 241 STRESS=	-1300.
GAGE 182 STRESS=	450.	GAGE 212 STRESS=	180.	GAGE 242 STRESS=	290.
GAGE 183 STRESS=	250.	GAGE 213 STRESS=	-1100.	GAGE 243 STRESS=	-310.
GAGE 184 STRESS=	-1140.	GAGE 214 STRESS=	-20.	GAGE 244 STRESS=	-1200.
GAGE 185 STRESS=	270.	GAGE 215 STRESS=	850.	GAGE 245 STRESS=	970.
GAGE 186 STRESS=	-670.	GAGE 216 STRESS=	-1010.	GAGE 246 STRESS=	-290.
GAGE 187 STRESS=	1320.	GAGE 217 STRESS=	-710.	GAGE 247 STRESS=	910.
GAGE 188 STRESS=	-180.	GAGE 218 STRESS=	240.	GAGE 248 STRESS=	-480.
GAGE 189 STRESS=	310.	GAGE 219 STRESS=	-1710.	GAGE 249 STRESS=	890.
GAGE 190 STRESS=	1400.	GAGE 220 STRESS=	-990.	GAGE 250 STRESS=	-1240.
GAGE 191 STRESS=	-680.	GAGE 221 STRESS=	-810.	GAGE 251 STRESS=	230.
GAGE 192 STRESS=	-150.	GAGE 222 STRESS=	260.	GAGE 252 STRESS=	230.
GAGE 193 STRESS=	-620.	GAGE 223 STRESS=	-1810.	GAGE 253 STRESS=	-410.
GAGE 194 STRESS=	370.	GAGE 224 STRESS=	70.	GAGE 254 STRESS=	-120.
GAGE 195 STRESS=	140.	GAGE 225 STRESS=	-2240.	GAGE 255 STRESS=	-470.
GAGE 196 STRESS=	-650.	GAGE 226 STRESS=	-1070.	GAGE 256 STRESS=	-300.
GAGE 197 STRESS=	80.	GAGE 227 STRESS=	1140.	GAGE 257 STRESS=	390.
GAGE 198 STRESS=	-210.	GAGE 228 STRESS=	-780.	GAGE 258 STRESS=	-10.
GAGE 199 STRESS=	-280.	GAGE 229 STRESS=	-230.	GAGE 259 STRESS=	370.
GAGE 200 STRESS=	180.	GAGE 230 STRESS=	420.	GAGE 260 STRESS=	-1330.
GAGE 201 STRESS=	-830.	GAGE 231 STRESS=	-320.	GAGE 261 STRESS=	-430.
GAGE 202 STRESS=	-310.	GAGE 232 STRESS=	-280.	GAGE 262 STRESS=	-1010.
GAGE 203 STRESS=	70.	GAGE 233 STRESS=	30.	GAGE 263 STRESS=	730.
GAGE 204 STRESS=	-820.	GAGE 234 STRESS=	-670.	GAGE 264 STRESS=	-70.
GAGE 205 STRESS=	-1000.	GAGE 235 STRESS=	110.		
GAGE 206 STRESS=	-50.	GAGE 236 STRESS=	610.		
GAGE 207 STRESS=	-2000.	GAGE 237 STRESS=	1000.		
GAGE 208 STRESS=	-630.	GAGE 238 STRESS=	-840.		
GAGE 209 STRESS=	280.	GAGE 239 STRESS=	-450.		
GAGE 210 STRESS=	-780.	GAGE 240 STRESS=	-490.		

LINEAR STRAIN GAGES DATE 9-15 -75

LOAD = 140 POUNDS BENDING

GAGE 1 STRESS=	390.	GAGE 31 STRESS=	-460.	GAGE 61 STRESS=	1380.
GAGE 2 STRESS=	50.	GAGE 32 STRESS=	-570.	GAGE 62 STRESS=	1200.
GAGE 3 STRESS=	790.	GAGE 33 STRESS=	-660.	GAGE 63 STRESS=	2320.
GAGE 4 STRESS=	-1280.	GAGE 34 STRESS=	-540.	GAGE 64 STRESS=	1280.
GAGE 5 STRESS=	7970.	GAGE 35 STRESS=	-30.	GAGE 65 STRESS=	1310.
GAGE 6 STRESS=	-6510.	GAGE 36 STRESS=	-370.	GAGE 66 STRESS=	2300.
GAGE 7 STRESS=	1410.	GAGE 37 STRESS=	910.	GAGE 67 STRESS=	-150.
GAGE 8 STRESS=	2170.	GAGE 38 STRESS=	880.	GAGE 68 STRESS=	-100.
GAGE 9 STRESS=	-1250.	GAGE 39 STRESS=	880.	GAGE 69 STRESS=	-240.
GAGE 10 STRESS=	2390.	GAGE 40 STRESS=	2000.	GAGE 70 STRESS=	-3980.
GAGE 11 STRESS=	-110.	GAGE 41 STRESS=	1970.	GAGE 71 STRESS=	1120.
GAGE 12 STRESS=	380.	GAGE 42 STRESS=	1090.	GAGE 72 STRESS=	1570.
GAGE 13 STRESS=	770.	GAGE 43 STRESS=	420.	GAGE 73 STRESS=	-3290.
GAGE 14 STRESS=	3140.	GAGE 44 STRESS=	100.	GAGE 74 STRESS=	-1070.
GAGE 15 STRESS=	-130.	GAGE 45 STRESS=	390.	GAGE 75 STRESS=	-2500.
GAGE 16 STRESS=	-360.	GAGE 46 STRESS=	1570.	GAGE 76 STRESS=	-3220.
GAGE 17 STRESS=	270.	GAGE 47 STRESS=	1640.	GAGE 77 STRESS=	-3750.
GAGE 18 STRESS=	1000.	GAGE 48 STRESS=	1470.	GAGE 78 STRESS=	-680.
GAGE 19 STRESS=	1100.	GAGE 49 STRESS=	130.	GAGE 79 STRESS=	-1090.
GAGE 20 STRESS=	1560.	GAGE 50 STRESS=	60.	GAGE 80 STRESS=	-730.
GAGE 21 STRESS=	1100.	GAGE 51 STRESS=	50.	GAGE 81 STRESS=	-3950.
GAGE 22 STRESS=	440.	GAGE 52 STRESS=	490.	GAGE 82 STRESS=	-1460.
GAGE 23 STRESS=	-50.	GAGE 53 STRESS=	610.	GAGE 83 STRESS=	-840.
GAGE 24 STRESS=	-99630.	GAGE 54 STRESS=	440.	GAGE 84 STRESS=	-5490.
GAGE 25 STRESS=	1060.	GAGE 55 STRESS=	710.	GAGE 85 STRESS=	1300.
GAGE 26 STRESS=	910.	GAGE 56 STRESS=	770.	GAGE 86 STRESS=	980.
GAGE 27 STRESS=	1200.	GAGE 57 STRESS=	700.	GAGE 87 STRESS=	110.
GAGE 28 STRESS=	430.	GAGE 58 STRESS=	1190.	GAGE 88 STRESS=	-100.
GAGE 29 STRESS=	530.	GAGE 59 STRESS=	1160.	GAGE 89 STRESS=	2970.
GAGE 30 STRESS=	-1550.	GAGE 60 STRESS=	1180.	GAGE 90 STRESS=	-1780.

LINEAR STRAIN GAGES

DATE 9-15 -75

LOAD = 140 POUNDS

BENDING

GAGE 91 STRESS=	-2690.	GAGE 121 STRESS=	-1220.	GAGE 151 STRESS=	2030.
GAGE 92 STRESS=	-760.	GAGE 122 STRESS=	120.	GAGE 152 STRESS=	2220.
GAGE 93 STRESS=	180.	GAGE 123 STRESS=	50.	GAGE 153 STRESS=	2030.
GAGE 94 STRESS=	290.	GAGE 124 STRESS=	170.	GAGE 154 STRESS=	780.
GAGE 95 STRESS=	390.	GAGE 125 STRESS=	-260.	GAGE 155 STRESS=	400.
GAGE 96 STRESS=	100.	GAGE 126 STRESS=	-2030.	GAGE 156 STRESS=	-670.
GAGE 97 STRESS=	-40.	GAGE 127 STRESS=	-4580.	GAGE 157 STRESS=	510.
GAGE 98 STRESS=	2730.	GAGE 128 STRESS=	-1180.	GAGE 158 STRESS=	580.
GAGE 99 STRESS=	2010.	GAGE 129 STRESS=	-1030.	GAGE 159 STRESS=	420.
GAGE 100 STRESS=	2680.	GAGE 130 STRESS=	-100.	GAGE 160 STRESS=	-1620.
GAGE 101 STRESS=	230.	GAGE 131 STRESS=	-190.	GAGE 161 STRESS=	-570.
GAGE 102 STRESS=	10.	GAGE 132 STRESS=	-210.	GAGE 162 STRESS=	-940.
GAGE 103 STRESS=	780.	GAGE 133 STRESS=	-30.	GAGE 163 STRESS=	1990.
GAGE 104 STRESS=	60.	GAGE 134 STRESS=	70.	GAGE 164 STRESS=	1250.
GAGE 105 STRESS=	90.	GAGE 135 STRESS=	-180.	GAGE 165 STRESS=	1750.
GAGE 106 STRESS=	-2690.	GAGE 136 STRESS=	140.	GAGE 166 STRESS=	-340.
GAGE 107 STRESS=	-1240.	GAGE 137 STRESS=	-100.	GAGE 167 STRESS=	-540.
GAGE 108 STRESS=	-2300.	GAGE 138 STRESS=	840.	GAGE 168 STRESS=	540.
GAGE 109 STRESS=	1250.	GAGE 139 STRESS=	480.	GAGE 169 STRESS=	1330.
GAGE 110 STRESS=	-6360.	GAGE 140 STRESS=	-1420.	GAGE 170 STRESS=	1510.
GAGE 111 STRESS=	-1860.	GAGE 141 STRESS=	-1910.	GAGE 171 STRESS=	1460.
GAGE 112 STRESS=	-6120.	GAGE 142 STRESS=	-670.	GAGE 172 STRESS=	-1830.
GAGE 113 STRESS=	-360.	GAGE 143 STRESS=	-1760.	GAGE 173 STRESS=	-120.
GAGE 114 STRESS=	60.	GAGE 144 STRESS=	1960.	GAGE 174 STRESS=	350.
GAGE 115 STRESS=	-150.	GAGE 145 STRESS=	2180.	GAGE 175 STRESS=	-2840.
GAGE 116 STRESS=	-110.	GAGE 146 STRESS=	2430.	GAGE 176 STRESS=	-650.
GAGE 117 STRESS=	-160.	GAGE 147 STRESS=	-1960.	GAGE 177 STRESS=	120.
GAGE 118 STRESS=	-3300.	GAGE 148 STRESS=	-610.	GAGE 178 STRESS=	2690.
GAGE 119 STRESS=	-2440.	GAGE 149 STRESS=	-2100.	GAGE 179 STRESS=	-2070.
GAGE 120 STRESS=	-7040.	GAGE 150 STRESS=	-10.	GAGE 180 STRESS=	540.

LINEAR STRAIN GAGES DATE 9-15 -75

LOAD = 140 POUNDS BENDING

GAGE 181 STRESS=	130.	GAGE 211 STRESS=	230.	GAGE 241 STRESS=	-2340.
GAGE 182 STRESS=	120.	GAGE 212 STRESS=	90.	GAGE 242 STRESS=	50.
GAGE 183 STRESS=	-550.	GAGE 213 STRESS=	-1710.	GAGE 243 STRESS=	1140.
GAGE 184 STRESS=	-240.	GAGE 214 STRESS=	30.	GAGE 244 STRESS=	750.
GAGE 185 STRESS=	-100.	GAGE 215 STRESS=	-1750.	GAGE 245 STRESS=	-120.
GAGE 186 STRESS=	-130.	GAGE 216 STRESS=	-1310.	GAGE 246 STRESS=	-1880.
GAGE 187 STRESS=	-880.	GAGE 217 STRESS=	-1400.	GAGE 247 STRESS=	-1410.
GAGE 188 STRESS=	190.	GAGE 218 STRESS=	-670.	GAGE 248 STRESS=	-1360.
GAGE 189 STRESS=	-1530.	GAGE 219 STRESS=	-1660.	GAGE 249 STRESS=	-1420.
GAGE 190 STRESS=	-940.	GAGE 220 STRESS=	660.	GAGE 250 STRESS=	-1320.
GAGE 191 STRESS=	-840.	GAGE 221 STRESS=	4190.	GAGE 251 STRESS=	-2590.
GAGE 192 STRESS=	-860.	GAGE 222 STRESS=	-1280.	GAGE 252 STRESS=	-1270.
GAGE 193 STRESS=	-1060.	GAGE 223 STRESS=	740.	GAGE 253 STRESS=	-900.
GAGE 194 STRESS=	-1290.	GAGE 224 STRESS=	220.	GAGE 254 STRESS=	-1170.
GAGE 195 STRESS=	-1800.	GAGE 225 STRESS=	1040.	GAGE 255 STRESS=	820.
GAGE 196 STRESS=	-1520.	GAGE 226 STRESS=	890.	GAGE 256 STRESS=	90.
GAGE 197 STRESS=	-1050.	GAGE 227 STRESS=	1040.	GAGE 257 STRESS=	1110.
GAGE 198 STRESS=	260.	GAGE 228 STRESS=	210.	GAGE 258 STRESS=	-2320.
GAGE 199 STRESS=	30.	GAGE 229 STRESS=	990.	GAGE 259 STRESS=	-2270.
GAGE 200 STRESS=	-30.	GAGE 230 STRESS=	640.	GAGE 260 STRESS=	900.
GAGE 201 STRESS=	120.	GAGE 231 STRESS=	30.	GAGE 261 STRESS=	150.
GAGE 202 STRESS=	-310.	GAGE 232 STRESS=	-860.	GAGE 262 STRESS=	80.
GAGE 203 STRESS=	190.	GAGE 233 STRESS=	-390.	GAGE 263 STRESS=	-2660.
GAGE 204 STRESS=	-90.	GAGE 234 STRESS=	-1020.	GAGE 264 STRESS=	760.
GAGE 205 STRESS=	160.	GAGE 235 STRESS=	-170.	GAGE 265 STRESS=	-2890.
GAGE 206 STRESS=	-440.	GAGE 236 STRESS=	320.	GAGE 266 STRESS=	150.
GAGE 207 STRESS=	60.	GAGE 237 STRESS=	460.	GAGE 267 STRESS=	-3660.
GAGE 208 STRESS=	810.	GAGE 238 STRESS=	-400.	GAGE 268 STRESS=	-3400.
GAGE 209 STRESS=	540.	GAGE 239 STRESS=	-2810.	GAGE 269 STRESS=	610.
GAGE 210 STRESS=	220.	GAGE 240 STRESS=	-1990.	GAGE 270 STRESS=	-1020.

LINEAR STRAIN GAGES

DATE 9-15 -75

LOAD = 140 POUNDS

BENDING

GAGE 271 STRESS= -1130.

GAGE 272 STRESS= -680.

GAGE 273 STRESS= 200.

GAGE 274 STRESS= 310.

GAGE 275 STRESS= -780.

GAGE 276 STRESS= -810.

GAGE 277 STRESS= -840.

GAGE 278 STRESS= 910.

GAGE 279 STRESS= -220.

GAGE 280 STRESS= -4120.

GAGE 281 STRESS= -4420.

GAGE 282 STRESS= 3840.

GAGE 283 STRESS= 5857.

LOAD = 90 POUNDS

BENDING

GAGE 1 STRESS=	580.	GAGE 31 STRESS=	3990.	GAGE 61 STRESS=	-820.
GAGE 2 STRESS=	2250.	GAGE 32 STRESS=	-95050.	GAGE 62 STRESS=	190.
GAGE 3 STRESS=	2950.	GAGE 33 STRESS=	4190.	GAGE 63 STRESS=	70.
GAGE 4 STRESS=	-200.	GAGE 34 STRESS=	-2370.	GAGE 64 STRESS=	-320.
GAGE 5 STRESS=	-2140.	GAGE 35 STRESS=	-3940.	GAGE 65 STRESS=	90.
GAGE 6 STRESS=	930.	GAGE 36 STRESS=	1700.	GAGE 66 STRESS=	-1170.
GAGE 7 STRESS=	770.	GAGE 37 STRESS=	650.	GAGE 67 STRESS=	-20.
GAGE 8 STRESS=	310.	GAGE 38 STRESS=	-80.	GAGE 68 STRESS=	330.
GAGE 9 STRESS=	1760.	GAGE 39 STRESS=	-180.	GAGE 69 STRESS=	850.
GAGE 10 STRESS=	620.	GAGE 40 STRESS=	900.	GAGE 70 STRESS=	-100.
GAGE 11 STRESS=	-640.	GAGE 41 STRESS=	-530.	GAGE 71 STRESS=	-310.
GAGE 12 STRESS=	1350.	GAGE 42 STRESS=	-320.	GAGE 72 STRESS=	560.
GAGE 13 STRESS=	1680.	GAGE 43 STRESS=	-3130.	GAGE 73 STRESS=	10.
GAGE 14 STRESS=	1350.	GAGE 44 STRESS=	-6430.	GAGE 74 STRESS=	-10.
GAGE 15 STRESS=	-120.	GAGE 45 STRESS=	-5760.	GAGE 75 STRESS=	550.
GAGE 16 STRESS=	1460.	GAGE 46 STRESS=	-96500.	GAGE 76 STRESS=	170.
GAGE 17 STRESS=	-2580.	GAGE 47 STRESS=	7000.	GAGE 77 STRESS=	-60.
GAGE 18 STRESS=	-2460.	GAGE 48 STRESS=	3790.	GAGE 78 STRESS=	610.
GAGE 19 STRESS=	410.	GAGE 49 STRESS=	650.	GAGE 79 STRESS=	-390.
GAGE 20 STRESS=	-660.	GAGE 50 STRESS=	-640.	GAGE 80 STRESS=	1230.
GAGE 21 STRESS=	-2390.	GAGE 51 STRESS=	-570.	GAGE 81 STRESS=	990.
GAGE 22 STRESS=	630.	GAGE 52 STRESS=	700.	GAGE 82 STRESS=	-580.
GAGE 23 STRESS=	570.	GAGE 53 STRESS=	150.	GAGE 83 STRESS=	-790.
GAGE 24 STRESS=	-870.	GAGE 54 STRESS=	-220.	GAGE 84 STRESS=	-130.
GAGE 25 STRESS=	2500.	GAGE 55 STRESS=	4200.	GAGE 85 STRESS=	340.
GAGE 26 STRESS=	3030.	GAGE 56 STRESS=	3910.	GAGE 86 STRESS=	10.
GAGE 27 STRESS=	1380.	GAGE 57 STRESS=	-95260.	GAGE 87 STRESS=	490.
GAGE 28 STRESS=	1560.	GAGE 58 STRESS=	-3920.	GAGE 88 STRESS=	360.
GAGE 29 STRESS=	-4260.	GAGE 59 STRESS=	-1010.	GAGE 89 STRESS=	-240.
GAGE 30 STRESS=	-4000.	GAGE 60 STRESS=	840.	GAGE 90 STRESS=	360.

ROSETTE STRAIN GAGES DATE 9-30-75

LOAD = 90 POUNDS BENDING

GAGE 91 STRESS=	1270.	GAGE 121 STRESS=	-760.	GAGE 151 STRESS=	780.
GAGE 92 STRESS=	510.	GAGE 122 STRESS=	-4780.	GAGE 152 STRESS=	-250.
GAGE 93 STRESS=	2030.	GAGE 123 STRESS=	880.	GAGE 153 STRESS=	460.
GAGE 94 STRESS=	690.	GAGE 124 STRESS=	2210.	GAGE 154 STRESS=	780.
GAGE 95 STRESS=	-1210.	GAGE 125 STRESS=	5270.	GAGE 155 STRESS=	-200.
GAGE 96 STRESS=	750.	GAGE 126 STRESS=	7160.	GAGE 156 STRESS=	540.
GAGE 97 STRESS=	-590.	GAGE 127 STRESS=	3680.	GAGE 157 STRESS=	350.
GAGE 98 STRESS=	340.	GAGE 128 STRESS=	3250.	GAGE 158 STRESS=	-50.
GAGE 99 STRESS=	940.	GAGE 129 STRESS=	2420.	GAGE 159 STRESS=	980.
GAGE 100 STRESS=	60.	GAGE 130 STRESS=	1690.	GAGE 160 STRESS=	130.
GAGE 101 STRESS=	230.	GAGE 131 STRESS=	-3080.	GAGE 161 STRESS=	40.
GAGE 102 STRESS=	1070.	GAGE 132 STRESS=	2200.	GAGE 162 STRESS=	850.
GAGE 103 STRESS=	480.	GAGE 133 STRESS=	330.	GAGE 163 STRESS=	870.
GAGE 104 STRESS=	-160.	GAGE 134 STRESS=	410.	GAGE 164 STRESS=	-940.
GAGE 105 STRESS=	170.	GAGE 135 STRESS=	-620.	GAGE 165 STRESS=	-840.
GAGE 106 STRESS=	500.	GAGE 136 STRESS=	-60.	GAGE 166 STRESS=	940.
GAGE 107 STRESS=	-170.	GAGE 137 STRESS=	-640.	GAGE 167 STRESS=	370.
GAGE 108 STRESS=	100.	GAGE 138 STRESS=	-1380.	GAGE 168 STRESS=	120.
GAGE 109 STRESS=	1140.	GAGE 139 STRESS=	130.	GAGE 169 STRESS=	1360.
GAGE 110 STRESS=	-1050.	GAGE 140 STRESS=	-340.	GAGE 170 STRESS=	-60.
GAGE 111 STRESS=	480.	GAGE 141 STRESS=	140.	GAGE 171 STRESS=	930.
GAGE 112 STRESS=	1000.	GAGE 142 STRESS=	700.	GAGE 172 STRESS=	1260.
GAGE 113 STRESS=	480.	GAGE 143 STRESS=	-90.	GAGE 173 STRESS=	-730.
GAGE 114 STRESS=	1330.	GAGE 144 STRESS=	250.	GAGE 174 STRESS=	480.
GAGE 115 STRESS=	340.	GAGE 145 STRESS=	460.	GAGE 175 STRESS=	-360.
GAGE 116 STRESS=	290.	GAGE 146 STRESS=	170.	GAGE 176 STRESS=	230.
GAGE 117 STRESS=	-340.	GAGE 147 STRESS=	-390.	GAGE 177 STRESS=	-230.
GAGE 118 STRESS=	280.	GAGE 148 STRESS=	240.	GAGE 178 STRESS=	-420.
GAGE 119 STRESS=	-500.	GAGE 149 STRESS=	-510.	GAGE 179 STRESS=	180.
GAGE 120 STRESS=	-780.	GAGE 150 STRESS=	-910.	GAGE 180 STRESS=	-230.

LOAD = 90 POUNDS BENDING

GAGE 181 STRESS=	-470.	GAGE 211 STRESS=	-460.	GAGE 241 STRESS=	-870.
GAGE 182 STRESS=	280.	GAGE 212 STRESS=	110.	GAGE 242 STRESS=	140.
GAGE 183 STRESS=	140.	GAGE 213 STRESS=	-680.	GAGE 243 STRESS=	-250.
GAGE 184 STRESS=	-700.	GAGE 214 STRESS=	0.	GAGE 244 STRESS=	-730.
GAGE 185 STRESS=	220.	GAGE 215 STRESS=	550.	GAGE 245 STRESS=	650.
GAGE 186 STRESS=	-370.	GAGE 216 STRESS=	-650.	GAGE 246 STRESS=	-130.
GAGE 187 STRESS=	850.	GAGE 217 STRESS=	-460.	GAGE 247 STRESS=	500.
GAGE 188 STRESS=	-100.	GAGE 218 STRESS=	170.	GAGE 248 STRESS=	-540.
GAGE 189 STRESS=	190.	GAGE 219 STRESS=	-1090.	GAGE 249 STRESS=	350.
GAGE 190 STRESS=	900.	GAGE 220 STRESS=	-660.	GAGE 250 STRESS=	-760.
GAGE 191 STRESS=	-440.	GAGE 221 STRESS=	-470.	GAGE 251 STRESS=	320.
GAGE 192 STRESS=	-90.	GAGE 222 STRESS=	200.	GAGE 252 STRESS=	190.
GAGE 193 STRESS=	-400.	GAGE 223 STRESS=	-1080.	GAGE 253 STRESS=	-270.
GAGE 194 STRESS=	-250.	GAGE 224 STRESS=	0.	GAGE 254 STRESS=	-30.
GAGE 195 STRESS=	90.	GAGE 225 STRESS=	-1420.	GAGE 255 STRESS=	-320.
GAGE 196 STRESS=	-400.	GAGE 226 STRESS=	-630.	GAGE 256 STRESS=	-220.
GAGE 197 STRESS=	40.	GAGE 227 STRESS=	690.	GAGE 257 STRESS=	270.
GAGE 198 STRESS=	-90.	GAGE 228 STRESS=	-500.	GAGE 258 STRESS=	-20.
GAGE 199 STRESS=	-210.	GAGE 229 STRESS=	-170.	GAGE 259 STRESS=	280.
GAGE 200 STRESS=	110.	GAGE 230 STRESS=	220.	GAGE 260 STRESS=	-820.
GAGE 201 STRESS=	-550.	GAGE 231 STRESS=	-210.	GAGE 261 STRESS=	-220.
GAGE 202 STRESS=	-250.	GAGE 232 STRESS=	-210.	GAGE 262 STRESS=	-630.
GAGE 203 STRESS=	60.	GAGE 233 STRESS=	60.	GAGE 263 STRESS=	460.
GAGE 204 STRESS=	-520.	GAGE 234 STRESS=	-390.	GAGE 264 STRESS=	-40.
GAGE 205 STRESS=	-780.	GAGE 235 STRESS=	180.		
GAGE 206 STRESS=	20.	GAGE 236 STRESS=	840.		
GAGE 207 STRESS=	-1280.	GAGE 237 STRESS=	950.		
GAGE 208 STRESS=	-400.	GAGE 238 STRESS=	-1030.		
GAGE 209 STRESS=	180.	GAGE 239 STRESS=	-450.		
GAGE 210 STRESS=	-490.	GAGE 240 STRESS=	-730.		

LINEAR STRAIN GAGES

DATE 9-15 -75

LOAD = 90 POUNDS

TORQUE

GAGE 1 STRESS=	30.	GAGE 31 STRESS=	-20.	GAGE 61 STRESS=	-70.
GAGE 2 STRESS=	-30.	GAGE 32 STRESS=	0.	GAGE 62 STRESS=	-40.
GAGE 3 STRESS=	40.	GAGE 33 STRESS=	-30.	GAGE 63 STRESS=	-10.
GAGE 4 STRESS=	-130.	GAGE 34 STRESS=	-50.	GAGE 64 STRESS=	0.
GAGE 5 STRESS=	-90.	GAGE 35 STRESS=	10.	GAGE 65 STRESS=	-30.
GAGE 6 STRESS=	-160.	GAGE 36 STRESS=	-20.	GAGE 66 STRESS=	30.
GAGE 7 STRESS=	-90.	GAGE 37 STRESS=	40.	GAGE 67 STRESS=	-120.
GAGE 8 STRESS=	-90.	GAGE 38 STRESS=	10.	GAGE 68 STRESS=	-130.
GAGE 9 STRESS=	-70.	GAGE 39 STRESS=	30.	GAGE 69 STRESS=	-160.
GAGE 10 STRESS=	-50.	GAGE 40 STRESS=	110.	GAGE 70 STRESS=	-230.
GAGE 11 STRESS=	-70.	GAGE 41 STRESS=	80.	GAGE 71 STRESS=	30.
GAGE 12 STRESS=	-80.	GAGE 42 STRESS=	30.	GAGE 72 STRESS=	-50.
GAGE 13 STRESS=	-10.	GAGE 43 STRESS=	-50.	GAGE 73 STRESS=	-140.
GAGE 14 STRESS=	20.	GAGE 44 STRESS=	-10.	GAGE 74 STRESS=	-120.
GAGE 15 STRESS=	-10.	GAGE 45 STRESS=	-40.	GAGE 75 STRESS=	-130.
GAGE 16 STRESS=	-30.	GAGE 46 STRESS=	60.	GAGE 76 STRESS=	-170.
GAGE 17 STRESS=	20.	GAGE 47 STRESS=	70.	GAGE 77 STRESS=	-190.
GAGE 18 STRESS=	30.	GAGE 48 STRESS=	70.	GAGE 78 STRESS=	-60.
GAGE 19 STRESS=	-20.	GAGE 49 STRESS=	40.	GAGE 79 STRESS=	-40.
GAGE 20 STRESS=	670.	GAGE 50 STRESS=	70.	GAGE 80 STRESS=	-60.
GAGE 21 STRESS=	-10.	GAGE 51 STRESS=	40.	GAGE 81 STRESS=	-150.
GAGE 22 STRESS=	-40.	GAGE 52 STRESS=	-30.	GAGE 82 STRESS=	0.
GAGE 23 STRESS=	-20.	GAGE 53 STRESS=	20.	GAGE 83 STRESS=	40.
GAGE 24 STRESS=	-30.	GAGE 54 STRESS=	10.	GAGE 84 STRESS=	-390.
GAGE 25 STRESS=	-40.	GAGE 55 STRESS=	120.	GAGE 85 STRESS=	40.
GAGE 26 STRESS=	-40.	GAGE 56 STRESS=	130.	GAGE 86 STRESS=	80.
GAGE 27 STRESS=	-30.	GAGE 57 STRESS=	130.	GAGE 87 STRESS=	-30.
GAGE 28 STRESS=	-60.	GAGE 58 STRESS=	40.	GAGE 88 STRESS=	-20.
GAGE 29 STRESS=	-10.	GAGE 59 STRESS=	10.	GAGE 89 STRESS=	90.
GAGE 30 STRESS=	-116780.	GAGE 60 STRESS=	0.	GAGE 90 STRESS=	-110.

LINEAR STRAIN GAGES

DATE 9-15 -75

LOAD = 90 POUNDS

TORQUE

GAGE 91 STRESS=	-130.	GAGE 121 STRESS=	-30.	GAGE 151 STRESS=	80.
GAGE 92 STRESS=	-40.	GAGE 122 STRESS=	-70.	GAGE 152 STRESS=	30.
GAGE 93 STRESS=	-70.	GAGE 123 STRESS=	-70.	GAGE 153 STRESS=	90.
GAGE 94 STRESS=	-80.	GAGE 124 STRESS=	-80.	GAGE 154 STRESS=	20.
GAGE 95 STRESS=	-130.	GAGE 125 STRESS=	10.	GAGE 155 STRESS=	40.
GAGE 96 STRESS=	-100.	GAGE 126 STRESS=	-160.	GAGE 156 STRESS=	10.
GAGE 97 STRESS=	-10.	GAGE 127 STRESS=	-190.	GAGE 157 STRESS=	10.
GAGE 98 STRESS=	90.	GAGE 128 STRESS=	-120.	GAGE 158 STRESS=	20.
GAGE 99 STRESS=	90.	GAGE 129 STRESS=	-80.	GAGE 159 STRESS=	20.
GAGE 100 STRESS=	90.	GAGE 130 STRESS=	-50.	GAGE 160 STRESS=	10.
GAGE 101 STRESS=	-20.	GAGE 131 STRESS=	-10.	GAGE 161 STRESS=	10.
GAGE 102 STRESS=	-390.	GAGE 132 STRESS=	-30.	GAGE 162 STRESS=	-120.
GAGE 103 STRESS=	400.	GAGE 133 STRESS=	-60.	GAGE 163 STRESS=	-10.
GAGE 104 STRESS=	-40.	GAGE 134 STRESS=	-20.	GAGE 164 STRESS=	80.
GAGE 105 STRESS=	-60.	GAGE 135 STRESS=	-20.	GAGE 165 STRESS=	30.
GAGE 106 STRESS=	-40.	GAGE 136 STRESS=	40.	GAGE 166 STRESS=	50.
GAGE 107 STRESS=	-30.	GAGE 137 STRESS=	0.	GAGE 167 STRESS=	-10.
GAGE 108 STRESS=	-20.	GAGE 138 STRESS=	0.	GAGE 168 STRESS=	-210.
GAGE 109 STRESS=	20.	GAGE 139 STRESS=	10.	GAGE 169 STRESS=	70.
GAGE 110 STRESS=	-250.	GAGE 140 STRESS=	-100.	GAGE 170 STRESS=	100.
GAGE 111 STRESS=	-130.	GAGE 141 STRESS=	-100.	GAGE 171 STRESS=	90.
GAGE 112 STRESS=	-270.	GAGE 142 STRESS=	-90.	GAGE 172 STRESS=	-60.
GAGE 113 STRESS=	-40.	GAGE 143 STRESS=	-120.	GAGE 173 STRESS=	-10.
GAGE 114 STRESS=	10.	GAGE 144 STRESS=	90.	GAGE 174 STRESS=	-60.
GAGE 115 STRESS=	0.	GAGE 145 STRESS=	30.	GAGE 175 STRESS=	-60.
GAGE 116 STRESS=	0.	GAGE 146 STRESS=	-20.	GAGE 176 STRESS=	-50.
GAGE 117 STRESS=	-110.	GAGE 147 STRESS=	-110.	GAGE 177 STRESS=	-50.
GAGE 118 STRESS=	-150.	GAGE 148 STRESS=	-40.	GAGE 178 STRESS=	-10.
GAGE 119 STRESS=	-70.	GAGE 149 STRESS=	-100.	GAGE 179 STRESS=	20.
GAGE 120 STRESS=	-340.	GAGE 150 STRESS=	10.	GAGE 180 STRESS=	-40.

LOAD = 90 POUNDS

TORQUE

GAGE 181 STRESS=	-60.	GAGE 211 STRESS=	20.	GAGE 241 STRESS=	-120.
GAGE 182 STRESS=	-30.	GAGE 212 STRESS=	-50.	GAGE 242 STRESS=	80.
GAGE 183 STRESS=	10.	GAGE 213 STRESS=	-60.	GAGE 243 STRESS=	20.
GAGE 184 STRESS=	-10.	GAGE 214 STRESS=	-10.	GAGE 244 STRESS=	-60.
GAGE 185 STRESS=	-40.	GAGE 215 STRESS=	-60.	GAGE 245 STRESS=	-40.
GAGE 186 STRESS=	-50.	GAGE 216 STRESS=	-70.	GAGE 246 STRESS=	-100.
GAGE 187 STRESS=	-10.	GAGE 217 STRESS=	-120.	GAGE 247 STRESS=	-80.
GAGE 188 STRESS=	30.	GAGE 218 STRESS=	-120.	GAGE 248 STRESS=	-100.
GAGE 189 STRESS=	20.	GAGE 219 STRESS=	-150.	GAGE 249 STRESS=	-90.
GAGE 190 STRESS=	-80.	GAGE 220 STRESS=	20.	GAGE 250 STRESS=	-70.
GAGE 191 STRESS=	-20.	GAGE 221 STRESS=	120.	GAGE 251 STRESS=	-170.
GAGE 192 STRESS=	-120.	GAGE 222 STRESS=	-80.	GAGE 252 STRESS=	-80.
GAGE 193 STRESS=	-70.	GAGE 223 STRESS=	-80.	GAGE 253 STRESS=	-70.
GAGE 194 STRESS=	-40.	GAGE 224 STRESS=	-20.	GAGE 254 STRESS=	-100.
GAGE 195 STRESS=	40.	GAGE 225 STRESS=	-70.	GAGE 255 STRESS=	70.
GAGE 196 STRESS=	-10.	GAGE 226 STRESS=	-60.	GAGE 256 STRESS=	-30.
GAGE 197 STRESS=	-10.	GAGE 227 STRESS=	20.	GAGE 257 STRESS=	130.
GAGE 198 STRESS=	-20.	GAGE 228 STRESS=	-30.	GAGE 258 STRESS=	-120.
GAGE 199 STRESS=	10.	GAGE 229 STRESS=	20.	GAGE 259 STRESS=	-130.
GAGE 200 STRESS=	-20.	GAGE 230 STRESS=	0.	GAGE 260 STRESS=	0.
GAGE 201 STRESS=	-50.	GAGE 231 STRESS=	-40.	GAGE 261 STRESS=	-20.
GAGE 202 STRESS=	-50.	GAGE 232 STRESS=	-40.	GAGE 262 STRESS=	0.
GAGE 203 STRESS=	-40.	GAGE 233 STRESS=	-40.	GAGE 263 STRESS=	-80.
GAGE 204 STRESS=	-40.	GAGE 234 STRESS=	-40.	GAGE 264 STRESS=	40.
GAGE 205 STRESS=	-20.	GAGE 235 STRESS=	-10.	GAGE 265 STRESS=	-110.
GAGE 206 STRESS=	-90.	GAGE 236 STRESS=	-20.	GAGE 266 STRESS=	10.
GAGE 207 STRESS=	-10.	GAGE 237 STRESS=	-20.	GAGE 267 STRESS=	-80.
GAGE 208 STRESS=	50.	GAGE 238 STRESS=	-30.	GAGE 268 STRESS=	-40.
GAGE 209 STRESS=	30.	GAGE 239 STRESS=	-190.	GAGE 269 STRESS=	-30.
GAGE 210 STRESS=	-40.	GAGE 240 STRESS=	-120.	GAGE 270 STRESS=	-9510.

LINEAR STRAIN GAGES

DATE 9-15 -75

LOAD = 90 POUNDS

TORQUE

GAGE 271 STRESS= -140.

GAGE 272 STRESS= -30.

GAGE 273 STRESS= -30.

GAGE 274 STRESS= -70.

GAGE 275 STRESS= -40.

GAGE 276 STRESS= 0.

GAGE 277 STRESS= -40.

GAGE 278 STRESS= 30.

GAGE 279 STRESS= -40.

GAGE 280 STRESS= -170.

GAGE 281 STRESS= -60.

GAGE 282 STRESS= 80.

GAGE 283 STRESS= 5819.

LOAD = 90 POUNDS

TORQUE

GAGE 1 STRESS=	0.	GAGE 31 STRESS=	-60.	GAGE 61 STRESS=	-10.
GAGE 2 STRESS=	-40.	GAGE 32 STRESS=	-160.	GAGE 62 STRESS=	-10.
GAGE 3 STRESS=	-10.	GAGE 33 STRESS=	0.	GAGE 63 STRESS=	-10.
GAGE 4 STRESS=	20.	GAGE 34 STRESS=	-20.	GAGE 64 STRESS=	0.
GAGE 5 STRESS=	60.	GAGE 35 STRESS=	150.	GAGE 65 STRESS=	30.
GAGE 6 STRESS=	70.	GAGE 36 STRESS=	230.	GAGE 66 STRESS=	0.
GAGE 7 STRESS=	30.	GAGE 37 STRESS=	10.	GAGE 67 STRESS=	-60.
GAGE 8 STRESS=	-10.	GAGE 38 STRESS=	10.	GAGE 68 STRESS=	90.
GAGE 9 STRESS=	-60.	GAGE 39 STRESS=	0.	GAGE 69 STRESS=	100.
GAGE 10 STRESS=	50.	GAGE 40 STRESS=	20.	GAGE 70 STRESS=	-90.
GAGE 11 STRESS=	-10.	GAGE 41 STRESS=	10.	GAGE 71 STRESS=	-20.
GAGE 12 STRESS=	-50.	GAGE 42 STRESS=	0.	GAGE 72 STRESS=	30.
GAGE 13 STRESS=	100.	GAGE 43 STRESS=	-170.	GAGE 73 STRESS=	50.
GAGE 14 STRESS=	250.	GAGE 44 STRESS=	-90.	GAGE 74 STRESS=	-10.
GAGE 15 STRESS=	-50.	GAGE 45 STRESS=	-100.	GAGE 75 STRESS=	110.
GAGE 16 STRESS=	60.	GAGE 46 STRESS=	-100.	GAGE 76 STRESS=	60.
GAGE 17 STRESS=	-330.	GAGE 47 STRESS=	170.	GAGE 77 STRESS=	-10.
GAGE 18 STRESS=	-440.	GAGE 48 STRESS=	110.	GAGE 78 STRESS=	140.
GAGE 19 STRESS=	-40.	GAGE 49 STRESS=	0.	GAGE 79 STRESS=	0.
GAGE 20 STRESS=	0.	GAGE 50 STRESS=	0.	GAGE 80 STRESS=	-10.
GAGE 21 STRESS=	-300.	GAGE 51 STRESS=	0.	GAGE 81 STRESS=	-40.
GAGE 22 STRESS=	-40.	GAGE 52 STRESS=	20.	GAGE 82 STRESS=	-30.
GAGE 23 STRESS=	110.	GAGE 53 STRESS=	20.	GAGE 83 STRESS=	20.
GAGE 24 STRESS=	-170.	GAGE 54 STRESS=	10.	GAGE 84 STRESS=	-40.
GAGE 25 STRESS=	60.	GAGE 55 STRESS=	-470.	GAGE 85 STRESS=	170.
GAGE 26 STRESS=	120.	GAGE 56 STRESS=	-110.	GAGE 86 STRESS=	-30.
GAGE 27 STRESS=	-20.	GAGE 57 STRESS=	-180.	GAGE 87 STRESS=	260.
GAGE 28 STRESS=	10.	GAGE 58 STRESS=	190.	GAGE 88 STRESS=	180.
GAGE 29 STRESS=	-180.	GAGE 59 STRESS=	210.	GAGE 89 STRESS=	-60.
GAGE 30 STRESS=	-240.	GAGE 60 STRESS=	330.	GAGE 90 STRESS=	230.

LOAD = 90 POUNDS

TORQUE

GAGE 91 STRESS=	130.	GAGE 121 STRESS=	-80.	GAGE 151 STRESS=	60.
GAGE 92 STRESS=	-10.	GAGE 122 STRESS=	160.	GAGE 152 STRESS=	0.
GAGE 93 STRESS=	140.	GAGE 123 STRESS=	-40.	GAGE 153 STRESS=	-70.
GAGE 94 STRESS=	90.	GAGE 124 STRESS=	-100.	GAGE 154 STRESS=	60.
GAGE 95 STRESS=	-60.	GAGE 125 STRESS=	-130.	GAGE 155 STRESS=	-40.
GAGE 96 STRESS=	90.	GAGE 126 STRESS=	-250.	GAGE 156 STRESS=	-70.
GAGE 97 STRESS=	-50.	GAGE 127 STRESS=	380.	GAGE 157 STRESS=	20.
GAGE 98 STRESS=	40.	GAGE 128 STRESS=	-320.	GAGE 158 STRESS=	10.
GAGE 99 STRESS=	110.	GAGE 129 STRESS=	130.	GAGE 159 STRESS=	-40.
GAGE 100 STRESS=	0.	GAGE 130 STRESS=	-180.	GAGE 160 STRESS=	0.
GAGE 101 STRESS=	40.	GAGE 131 STRESS=	-40.	GAGE 161 STRESS=	20.
GAGE 102 STRESS=	120.	GAGE 132 STRESS=	350.	GAGE 162 STRESS=	-20.
GAGE 103 STRESS=	70.	GAGE 133 STRESS=	0.	GAGE 163 STRESS=	100.
GAGE 104 STRESS=	-10.	GAGE 134 STRESS=	10.	GAGE 164 STRESS=	-80.
GAGE 105 STRESS=	40.	GAGE 135 STRESS=	20.	GAGE 165 STRESS=	-180.
GAGE 106 STRESS=	90.	GAGE 136 STRESS=	0.	GAGE 166 STRESS=	100.
GAGE 107 STRESS=	-30.	GAGE 137 STRESS=	0.	GAGE 167 STRESS=	50.
GAGE 108 STRESS=	30.	GAGE 138 STRESS=	0.	GAGE 168 STRESS=	-40.
GAGE 109 STRESS=	130.	GAGE 139 STRESS=	-70.	GAGE 169 STRESS=	100.
GAGE 110 STRESS=	-80.	GAGE 140 STRESS=	0.	GAGE 170 STRESS=	-20.
GAGE 111 STRESS=	60.	GAGE 141 STRESS=	-100.	GAGE 171 STRESS=	-10.
GAGE 112 STRESS=	120.	GAGE 142 STRESS=	120.	GAGE 172 STRESS=	90.
GAGE 113 STRESS=	60.	GAGE 143 STRESS=	-60.	GAGE 173 STRESS=	-20.
GAGE 114 STRESS=	150.	GAGE 144 STRESS=	-140.	GAGE 174 STRESS=	-40.
GAGE 115 STRESS=	30.	GAGE 145 STRESS=	20.	GAGE 175 STRESS=	0.
GAGE 116 STRESS=	50.	GAGE 146 STRESS=	-10.	GAGE 176 STRESS=	0.
GAGE 117 STRESS=	-70.	GAGE 147 STRESS=	0.	GAGE 177 STRESS=	0.
GAGE 118 STRESS=	30.	GAGE 148 STRESS=	20.	GAGE 178 STRESS=	0.
GAGE 119 STRESS=	-70.	GAGE 149 STRESS=	-10.	GAGE 179 STRESS=	0.
GAGE 120 STRESS=	-120.	GAGE 150 STRESS=	20.	GAGE 180 STRESS=	20.

LOAD = 90 POUNDS

TORQUE

GAGE 181 STRESS=	-10.	GAGE 211 STRESS=	20.	GAGE 241 STRESS=	-50.
GAGE 182 STRESS=	0.	GAGE 212 STRESS=	0.	GAGE 242 STRESS=	0.
GAGE 183 STRESS=	0.	GAGE 213 STRESS=	-80.	GAGE 243 STRESS=	20.
GAGE 184 STRESS=	10.	GAGE 214 STRESS=	-90.	GAGE 244 STRESS=	-40.
GAGE 185 STRESS=	10.	GAGE 215 STRESS=	80.	GAGE 245 STRESS=	7510.
GAGE 186 STRESS=	30.	GAGE 216 STRESS=	-110.	GAGE 246 STRESS=	30.
GAGE 187 STRESS=	120.	GAGE 217 STRESS=	10.	GAGE 247 STRESS=	10.
GAGE 188 STRESS=	-10.	GAGE 218 STRESS=	50.	GAGE 248 STRESS=	-100.
GAGE 189 STRESS=	100.	GAGE 219 STRESS=	-140.	GAGE 249 STRESS=	10.
GAGE 190 STRESS=	140.	GAGE 220 STRESS=	-40.	GAGE 250 STRESS=	-70.
GAGE 191 STRESS=	-60.	GAGE 221 STRESS=	10.	GAGE 251 STRESS=	70.
GAGE 192 STRESS=	60.	GAGE 222 STRESS=	20.	GAGE 252 STRESS=	50.
GAGE 193 STRESS=	10.	GAGE 223 STRESS=	-50.	GAGE 253 STRESS=	-170.
GAGE 194 STRESS=	10.	GAGE 224 STRESS=	0.	GAGE 254 STRESS=	0.
GAGE 195 STRESS=	20.	GAGE 225 STRESS=	-110.	GAGE 255 STRESS=	180.
GAGE 196 STRESS=	10.	GAGE 226 STRESS=	0.	GAGE 256 STRESS=	-20.
GAGE 197 STRESS=	-20.	GAGE 227 STRESS=	40.	GAGE 257 STRESS=	90.
GAGE 198 STRESS=	-10.	GAGE 228 STRESS=	-50.	GAGE 258 STRESS=	150.
GAGE 199 STRESS=	20.	GAGE 229 STRESS=	0.	GAGE 259 STRESS=	40.
GAGE 200 STRESS=	-10.	GAGE 230 STRESS=	10.	GAGE 260 STRESS=	-60.
GAGE 201 STRESS=	-130.	GAGE 231 STRESS=	0.	GAGE 261 STRESS=	-30.
GAGE 202 STRESS=	10.	GAGE 232 STRESS=	0.	GAGE 262 STRESS=	-60.
GAGE 203 STRESS=	0.	GAGE 233 STRESS=	0.	GAGE 263 STRESS=	40.
GAGE 204 STRESS=	-130.	GAGE 234 STRESS=	-10.	GAGE 264 STRESS=	-60.
GAGE 205 STRESS=	0.	GAGE 235 STRESS=	-60.		
GAGE 206 STRESS=	10.	GAGE 236 STRESS=	20.		
GAGE 207 STRESS=	-130.	GAGE 237 STRESS=	-50.		
GAGE 208 STRESS=	-20.	GAGE 238 STRESS=	-60.		
GAGE 209 STRESS=	10.	GAGE 239 STRESS=	40.		
GAGE 210 STRESS=	-50.	GAGE 240 STRESS=	-40.		

LOAD = 190 POUNDS

TORQUE

GAGE 1 STRESS=	60.	GAGE 31 STRESS=	-50.	GAGE 61 STRESS=	-60.
GAGE 2 STRESS=	-10.	GAGE 32 STRESS=	-40.	GAGE 62 STRESS=	-50.
GAGE 3 STRESS=	110.	GAGE 33 STRESS=	-60.	GAGE 63 STRESS=	10.
GAGE 4 STRESS=	-190.	GAGE 34 STRESS=	-70.	GAGE 64 STRESS=	0.
GAGE 5 STRESS=	-60.	GAGE 35 STRESS=	0.	GAGE 65 STRESS=	-30.
GAGE 6 STRESS=	-270.	GAGE 36 STRESS=	-50.	GAGE 66 STRESS=	50.
GAGE 7 STRESS=	-170.	GAGE 37 STRESS=	120.	GAGE 67 STRESS=	-220.
GAGE 8 STRESS=	-170.	GAGE 38 STRESS=	100.	GAGE 68 STRESS=	-230.
GAGE 9 STRESS=	-120.	GAGE 39 STRESS=	110.	GAGE 69 STRESS=	-270.
GAGE 10 STRESS=	-120.	GAGE 40 STRESS=	230.	GAGE 70 STRESS=	-460.
GAGE 11 STRESS=	-110.	GAGE 41 STRESS=	210.	GAGE 71 STRESS=	90.
GAGE 12 STRESS=	-50.	GAGE 42 STRESS=	100.	GAGE 72 STRESS=	20.
GAGE 13 STRESS=	30.	GAGE 43 STRESS=	-60.	GAGE 73 STRESS=	-300.
GAGE 14 STRESS=	50.	GAGE 44 STRESS=	-20.	GAGE 74 STRESS=	-180.
GAGE 15 STRESS=	20.	GAGE 45 STRESS=	-40.	GAGE 75 STRESS=	-250.
GAGE 16 STRESS=	-40.	GAGE 46 STRESS=	160.	GAGE 76 STRESS=	-340.
GAGE 17 STRESS=	50.	GAGE 47 STRESS=	180.	GAGE 77 STRESS=	-380.
GAGE 18 STRESS=	160.	GAGE 48 STRESS=	170.	GAGE 78 STRESS=	-70.
GAGE 19 STRESS=	-20.	GAGE 49 STRESS=	140.	GAGE 79 STRESS=	-30.
GAGE 20 STRESS=	740.	GAGE 50 STRESS=	150.	GAGE 80 STRESS=	-70.
GAGE 21 STRESS=	-30.	GAGE 51 STRESS=	110.	GAGE 81 STRESS=	-350.
GAGE 22 STRESS=	-70.	GAGE 52 STRESS=	-10.	GAGE 82 STRESS=	10.
GAGE 23 STRESS=	-50.	GAGE 53 STRESS=	0.	GAGE 83 STRESS=	70.
GAGE 24 STRESS=	-50.	GAGE 54 STRESS=	20.	GAGE 84 STRESS=	-800.
GAGE 25 STRESS=	-30.	GAGE 55 STRESS=	330.	GAGE 85 STRESS=	90.
GAGE 26 STRESS=	-10.	GAGE 56 STRESS=	330.	GAGE 86 STRESS=	120.
GAGE 27 STRESS=	-60.	GAGE 57 STRESS=	330.	GAGE 87 STRESS=	-40.
GAGE 28 STRESS=	-60.	GAGE 58 STRESS=	120.	GAGE 88 STRESS=	-40.
GAGE 29 STRESS=	-40.	GAGE 59 STRESS=	80.	GAGE 89 STRESS=	270.
GAGE 30 STRESS=	-117610.	GAGE 60 STRESS=	100.	GAGE 90 STRESS=	-200.

LINEAR STRAIN GAGES DATE 9-15-75

LOAD = 190 POUNDS TORQUE

GAGE 91 STRESS=	-290.	GAGE 121 STRESS=	-30.	GAGE 151 STRESS=	190.
GAGE 92 STRESS=	-110.	GAGE 122 STRESS=	-110.	GAGE 152 STRESS=	90.
GAGE 93 STRESS=	-110.	GAGE 123 STRESS=	-120.	GAGE 153 STRESS=	200.
GAGE 94 STRESS=	-150.	GAGE 124 STRESS=	-140.	GAGE 154 STRESS=	70.
GAGE 95 STRESS=	-190.	GAGE 125 STRESS=	90.	GAGE 155 STRESS=	80.
GAGE 96 STRESS=	-120.	GAGE 126 STRESS=	-320.	GAGE 156 STRESS=	20.
GAGE 97 STRESS=	20.	GAGE 127 STRESS=	-380.	GAGE 157 STRESS=	30.
GAGE 98 STRESS=	240.	GAGE 128 STRESS=	-210.	GAGE 158 STRESS=	60.
GAGE 99 STRESS=	210.	GAGE 129 STRESS=	-120.	GAGE 159 STRESS=	40.
GAGE 100 STRESS=	240.	GAGE 130 STRESS=	-40.	GAGE 160 STRESS=	20.
GAGE 101 STRESS=	0.	GAGE 131 STRESS=	-20.	GAGE 161 STRESS=	0.
GAGE 102 STRESS=	60.	GAGE 132 STRESS=	-50.	GAGE 162 STRESS=	-10.
GAGE 103 STRESS=	690.	GAGE 133 STRESS=	-40.	GAGE 163 STRESS=	-40.
GAGE 104 STRESS=	-20.	GAGE 134 STRESS=	-10.	GAGE 164 STRESS=	120.
GAGE 105 STRESS=	-90.	GAGE 135 STRESS=	-20.	GAGE 165 STRESS=	40.
GAGE 106 STRESS=	-90.	GAGE 136 STRESS=	100.	GAGE 166 STRESS=	90.
GAGE 107 STRESS=	-60.	GAGE 137 STRESS=	10.	GAGE 167 STRESS=	-20.
GAGE 108 STRESS=	-60.	GAGE 138 STRESS=	100.	GAGE 168 STRESS=	-220.
GAGE 109 STRESS=	100.	GAGE 139 STRESS=	100.	GAGE 169 STRESS=	190.
GAGE 110 STRESS=	-560.	GAGE 140 STRESS=	-190.	GAGE 170 STRESS=	210.
GAGE 111 STRESS=	-240.	GAGE 141 STRESS=	-180.	GAGE 171 STRESS=	210.
GAGE 112 STRESS=	-550.	GAGE 142 STRESS=	-150.	GAGE 172 STRESS=	-80.
GAGE 113 STRESS=	-20.	GAGE 143 STRESS=	-190.	GAGE 173 STRESS=	-10.
GAGE 114 STRESS=	10.	GAGE 144 STRESS=	170.	GAGE 174 STRESS=	-70.
GAGE 115 STRESS=	40.	GAGE 145 STRESS=	90.	GAGE 175 STRESS=	-70.
GAGE 116 STRESS=	50.	GAGE 146 STRESS=	10.	GAGE 176 STRESS=	-60.
GAGE 117 STRESS=	-170.	GAGE 147 STRESS=	-210.	GAGE 177 STRESS=	-60.
GAGE 118 STRESS=	-300.	GAGE 148 STRESS=	-70.	GAGE 178 STRESS=	-10.
GAGE 119 STRESS=	-110.	GAGE 149 STRESS=	-200.	GAGE 179 STRESS=	0.
GAGE 120 STRESS=	-710.	GAGE 150 STRESS=	70.	GAGE 180 STRESS=	-10.

LINEAR STRAIN GAGES

DATE 9-15 -75

LOAD = 190 POUNDS

TORQUE

GAGE 181 STRESS=	-70.	GAGE 211 STRESS=	0.	GAGE 241 STRESS=	-210.
GAGE 182 STRESS=	-60.	GAGE 212 STRESS=	-40.	GAGE 242 STRESS=	160.
GAGE 183 STRESS=	30.	GAGE 213 STRESS=	-130.	GAGE 243 STRESS=	30.
GAGE 184 STRESS=	0.	GAGE 214 STRESS=	0.	GAGE 244 STRESS=	-90.
GAGE 185 STRESS=	-20.	GAGE 215 STRESS=	-130.	GAGE 245 STRESS=	-60.
GAGE 186 STRESS=	-110.	GAGE 216 STRESS=	-220.	GAGE 246 STRESS=	-210.
GAGE 187 STRESS=	-20.	GAGE 217 STRESS=	-260.	GAGE 247 STRESS=	-170.
GAGE 188 STRESS=	0.	GAGE 218 STRESS=	-230.	GAGE 248 STRESS=	-190.
GAGE 189 STRESS=	-10.	GAGE 219 STRESS=	-350.	GAGE 249 STRESS=	-170.
GAGE 190 STRESS=	-160.	GAGE 220 STRESS=	20.	GAGE 250 STRESS=	-140.
GAGE 191 STRESS=	-50.	GAGE 221 STRESS=	260.	GAGE 251 STRESS=	-320.
GAGE 192 STRESS=	-120.	GAGE 222 STRESS=	-160.	GAGE 252 STRESS=	-160.
GAGE 193 STRESS=	-100.	GAGE 223 STRESS=	-120.	GAGE 253 STRESS=	-110.
GAGE 194 STRESS=	-50.	GAGE 224 STRESS=	0.	GAGE 254 STRESS=	-170.
GAGE 195 STRESS=	-10.	GAGE 225 STRESS=	-140.	GAGE 255 STRESS=	220.
GAGE 196 STRESS=	-40.	GAGE 226 STRESS=	-100.	GAGE 256 STRESS=	-40.
GAGE 197 STRESS=	-40.	GAGE 227 STRESS=	100.	GAGE 257 STRESS=	320.
GAGE 198 STRESS=	-40.	GAGE 228 STRESS=	-50.	GAGE 258 STRESS=	-310.
GAGE 199 STRESS=	-10.	GAGE 229 STRESS=	70.	GAGE 259 STRESS=	-220.
GAGE 200 STRESS=	-30.	GAGE 230 STRESS=	50.	GAGE 260 STRESS=	40.
GAGE 201 STRESS=	-50.	GAGE 231 STRESS=	-50.	GAGE 261 STRESS=	-10.
GAGE 202 STRESS=	-60.	GAGE 232 STRESS=	-50.	GAGE 262 STRESS=	-10.
GAGE 203 STRESS=	-70.	GAGE 233 STRESS=	-80.	GAGE 263 STRESS=	-200.
GAGE 204 STRESS=	-70.	GAGE 234 STRESS=	-50.	GAGE 264 STRESS=	70.
GAGE 205 STRESS=	-30.	GAGE 235 STRESS=	-10.	GAGE 265 STRESS=	-210.
GAGE 206 STRESS=	-140.	GAGE 236 STRESS=	-60.	GAGE 266 STRESS=	10.
GAGE 207 STRESS=	-20.	GAGE 237 STRESS=	-40.	GAGE 267 STRESS=	-130.
GAGE 208 STRESS=	140.	GAGE 238 STRESS=	-50.	GAGE 268 STRESS=	-100.
GAGE 209 STRESS=	80.	GAGE 239 STRESS=	-370.	GAGE 269 STRESS=	0.
GAGE 210 STRESS=	-40.	GAGE 240 STRESS=	-190.	GAGE 270 STRESS=	-9600.

LINEAR STRAIN GAGES DATE 9-15 -75

LOAD = 190 POUNDS TORQUE

GAGE 271 STRESS= -230.

GAGE 272 STRESS= -50.

GAGE 273 STRESS= -50.

GAGE 274 STRESS= -120.

GAGE 275 STRESS= -10.

GAGE 276 STRESS= 20.

GAGE 277 STRESS= -60.

GAGE 278 STRESS= 80.

GAGE 279 STRESS= -60.

GAGE 280 STRESS= -240.

GAGE 281 STRESS= -21^.

GAGE 282 STRESS= 230.

GAGE 283 STRESS= 5819.

ROSETTE STRAIN GAGES			DATE 9-30-75		
LOAD = 190 POUNDS			TORQUE		
GAGE 1 STRESS=	80.	GAGE 31 STRESS=	-200.	GAGE 61 STRESS=	-50.
GAGE 2 STRESS=	-100.	GAGE 32 STRESS=	-430.	GAGE 62 STRESS=	-30.
GAGE 3 STRESS=	0.	GAGE 33 STRESS=	-20.	GAGE 63 STRESS=	-40.
GAGE 4 STRESS=	50.	GAGE 34 STRESS=	20.	GAGE 64 STRESS=	-50.
GAGE 5 STRESS=	160.	GAGE 35 STRESS=	390.	GAGE 65 STRESS=	10.
GAGE 6 STRESS=	160.	GAGE 36 STRESS=	560.	GAGE 66 STRESS=	-10.
GAGE 7 STRESS=	100.	GAGE 37 STRESS=	20.	GAGE 67 STRESS=	-160.
GAGE 8 STRESS=	-20.	GAGE 38 STRESS=	20.	GAGE 68 STRESS=	170.
GAGE 9 STRESS=	-140.	GAGE 39 STRESS=	-20.	GAGE 69 STRESS=	180.
GAGE 10 STRESS=	90.	GAGE 40 STRESS=	20.	GAGE 70 STRESS=	-230.
GAGE 11 STRESS=	-30.	GAGE 41 STRESS=	-30.	GAGE 71 STRESS=	-90.
GAGE 12 STRESS=	-140.	GAGE 42 STRESS=	-10.	GAGE 72 STRESS=	30.
GAGE 13 STRESS=	240.	GAGE 43 STRESS=	-380.	GAGE 73 STRESS=	90.
GAGE 14 STRESS=	580.	GAGE 44 STRESS=	-280.	GAGE 74 STRESS=	-50.
GAGE 15 STRESS=	-110.	GAGE 45 STRESS=	-250.	GAGE 75 STRESS=	240.
GAGE 16 STRESS=	150.	GAGE 46 STRESS=	-240.	GAGE 76 STRESS=	140.
GAGE 17 STRESS=	-780.	GAGE 47 STRESS=	420.	GAGE 77 STRESS=	-50.
GAGE 18 STRESS=	-1010.	GAGE 48 STRESS=	250.	GAGE 78 STRESS=	240.
GAGE 19 STRESS=	-110.	GAGE 49 STRESS=	-10.	GAGE 79 STRESS=	-50.
GAGE 20 STRESS=	-20.	GAGE 50 STRESS=	0.	GAGE 80 STRESS=	-30.
GAGE 21 STRESS=	-680.	GAGE 51 STRESS=	-30.	GAGE 81 STRESS=	-150.
GAGE 22 STRESS=	-40.	GAGE 52 STRESS=	-10.	GAGE 82 STRESS=	-60.
GAGE 23 STRESS=	230.	GAGE 53 STRESS=	0.	GAGE 83 STRESS=	10.
GAGE 24 STRESS=	-360.	GAGE 54 STRESS=	-20.	GAGE 84 STRESS=	-110.
GAGE 25 STRESS=	140.	GAGE 55 STRESS=	-1150.	GAGE 85 STRESS=	350.
GAGE 26 STRESS=	250.	GAGE 56 STRESS=	-290.	GAGE 86 STRESS=	-50.
GAGE 27 STRESS=	-50.	GAGE 57 STRESS=	-530.	GAGE 87 STRESS=	520.
GAGE 28 STRESS=	20.	GAGE 58 STRESS=	500.	GAGE 88 STRESS=	380.
GAGE 29 STRESS=	-390.	GAGE 59 STRESS=	580.	GAGE 89 STRESS=	-180.
GAGE 30 STRESS=	-530.	GAGE 60 STRESS=	840.	GAGE 90 STRESS=	470.

LOAD = 190 POUNDS

TORQUE

GAGE 91 STRESS=	230.	GAGE 121 STRESS=	-160.	GAGE 151 STRESS=	50.
GAGE 92 STRESS=	-40.	GAGE 122 STRESS=	310.	GAGE 152 STRESS=	-40.
GAGE 93 STRESS=	290.	GAGE 123 STRESS=	-130.	GAGE 153 STRESS=	-170.
GAGE 94 STRESS=	140.	GAGE 124 STRESS=	-240.	GAGE 154 STRESS=	80.
GAGE 95 STRESS=	-140.	GAGE 125 STRESS=	-300.	GAGE 155 STRESS=	-90.
GAGE 96 STRESS=	170.	GAGE 126 STRESS=	-540.	GAGE 156 STRESS=	-200.
GAGE 97 STRESS=	-120.	GAGE 127 STRESS=	840.	GAGE 157 STRESS=	10.
GAGE 98 STRESS=	80.	GAGE 128 STRESS=	-540.	GAGE 158 STRESS=	-30.
GAGE 99 STRESS=	220.	GAGE 129 STRESS=	280.	GAGE 159 STRESS=	-80.
GAGE 100 STRESS=	-20.	GAGE 130 STRESS=	-250.	GAGE 160 STRESS=	0.
GAGE 101 STRESS=	40.	GAGE 131 STRESS=	-220.	GAGE 161 STRESS=	10.
GAGE 102 STRESS=	210.	GAGE 132 STRESS=	680.	GAGE 162 STRESS=	-50.
GAGE 103 STRESS=	150.	GAGE 133 STRESS=	-20.	GAGE 163 STRESS=	200.
GAGE 104 STRESS=	-60.	GAGE 134 STRESS=	-10.	GAGE 164 STRESS=	-230.
GAGE 105 STRESS=	110.	GAGE 135 STRESS=	-10.	GAGE 165 STRESS=	-410.
GAGE 106 STRESS=	160.	GAGE 136 STRESS=	-30.	GAGE 166 STRESS=	180.
GAGE 107 STRESS=	-60.	GAGE 137 STRESS=	-30.	GAGE 167 STRESS=	70.
GAGE 108 STRESS=	50.	GAGE 138 STRESS=	-30.	GAGE 168 STRESS=	-100.
GAGE 109 STRESS=	260.	GAGE 139 STRESS=	90.	GAGE 169 STRESS=	170.
GAGE 110 STRESS=	-230.	GAGE 140 STRESS=	-10.	GAGE 170 STRESS=	-60.
GAGE 111 STRESS=	130.	GAGE 141 STRESS=	-190.	GAGE 171 STRESS=	-60.
GAGE 112 STRESS=	220.	GAGE 142 STRESS=	290.	GAGE 172 STRESS=	160.
GAGE 113 STRESS=	100.	GAGE 143 STRESS=	-170.	GAGE 173 STRESS=	-60.
GAGE 114 STRESS=	320.	GAGE 144 STRESS=	-340.	GAGE 174 STRESS=	-100.
GAGE 115 STRESS=	50.	GAGE 145 STRESS=	40.	GAGE 175 STRESS=	0.
GAGE 116 STRESS=	100.	GAGE 146 STRESS=	0.	GAGE 176 STRESS=	0.
GAGE 117 STRESS=	-160.	GAGE 147 STRESS=	0.	GAGE 177 STRESS=	-10.
GAGE 118 STRESS=	60.	GAGE 148 STRESS=	30.	GAGE 178 STRESS=	10.
GAGE 119 STRESS=	-160.	GAGE 149 STRESS=	-30.	GAGE 179 STRESS=	-10.
GAGE 120 STRESS=	-290.	GAGE 150 STRESS=	-10.	GAGE 180 STRESS=	-10.

ROSETTE STRAIN GAGES DATE 9-30-75

LOAD = 190 POUNDS TORQUE

GAGE 181 STRESS=	-10.	GAGE 211 STRESS=	-70.	GAGE 241 STRESS=	-180.
GAGE 182 STRESS=	-70.	GAGE 212 STRESS=	-10.	GAGE 242 STRESS=	-40.
GAGE 183 STRESS=	-20.	GAGE 213 STRESS=	-210.	GAGE 243 STRESS=	20.
GAGE 184 STRESS=	-20.	GAGE 214 STRESS=	170.	GAGE 244 STRESS=	-150.
GAGE 185 STRESS=	0.	GAGE 215 STRESS=	170.	GAGE 245 STRESS=	80.
GAGE 186 STRESS=	20.	GAGE 216 STRESS=	-250.	GAGE 246 STRESS=	50.
GAGE 187 STRESS=	220.	GAGE 217 STRESS=	10.	GAGE 247 STRESS=	40.
GAGE 188 STRESS=	-60.	GAGE 218 STRESS=	60.	GAGE 248 STRESS=	-230.
GAGE 189 STRESS=	180.	GAGE 219 STRESS=	-340.	GAGE 249 STRESS=	0.
GAGE 190 STRESS=	260.	GAGE 220 STRESS=	-90.	GAGE 250 STRESS=	-200.
GAGE 191 STRESS=	-140.	GAGE 221 STRESS=	30.	GAGE 251 STRESS=	100.
GAGE 192 STRESS=	100.	GAGE 222 STRESS=	40.	GAGE 252 STRESS=	80.
GAGE 193 STRESS=	-10.	GAGE 223 STRESS=	-140.	GAGE 253 STRESS=	-360.
GAGE 194 STRESS=	-20.	GAGE 224 STRESS=	0.	GAGE 254 STRESS=	-10.
GAGE 195 STRESS=	40.	GAGE 225 STRESS=	-230.	GAGE 255 STRESS=	-99600.
GAGE 196 STRESS=	-10.	GAGE 226 STRESS=	0.	GAGE 256 STRESS=	-60.
GAGE 197 STRESS=	-20.	GAGE 227 STRESS=	70.	GAGE 257 STRESS=	200.
GAGE 198 STRESS=	-40.	GAGE 228 STRESS=	-100.	GAGE 258 STRESS=	260.
GAGE 199 STRESS=	30.	GAGE 229 STRESS=	-10.	GAGE 259 STRESS=	60.
GAGE 200 STRESS=	-20.	GAGE 230 STRESS=	10.	GAGE 260 STRESS=	-140.
GAGE 201 STRESS=	-280.	GAGE 231 STRESS=	-10.	GAGE 261 STRESS=	-130.
GAGE 202 STRESS=	20.	GAGE 232 STRESS=	-20.	GAGE 262 STRESS=	-140.
GAGE 203 STRESS=	-30.	GAGE 233 STRESS=	0.	GAGE 263 STRESS=	70.
GAGE 204 STRESS=	-270.	GAGE 234 STRESS=	-20.	GAGE 264 STRESS=	-100.
GAGE 205 STRESS=	-50.	GAGE 235 STRESS=	-130.		
GAGE 206 STRESS=	40.	GAGE 236 STRESS=	40.		
GAGE 207 STRESS=	-280.	GAGE 237 STRESS=	-120.		
GAGE 208 STRESS=	-50.	GAGE 238 STRESS=	-140.		
GAGE 209 STRESS=	0.	GAGE 239 STRESS=	60.		
GAGE 210 STRESS=	-160.	GAGE 240 STRESS=	-120.		